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1488 106 5.9 244 3 US-09-172-019-13 Sequence 13, Appl 1489 106 5.9 244 4 US-09-166-09413 Sequence 13, Appl 1490 106 5.9 244 4 US-09-443-213-13 Sequence 13, Appl 1491 105.5 5.8 231 1 US-08-681-432-1 Sequence 13, Appl 1492 105.5 5.8 337 1 US-08-681-432-1 Sequence 1, Appl 1493 105.5 5.8 337 3 US-09-65 Sequence 1, Appl 1494 105.5 5.8 337 4 US-08-441-893A-18 Sequence 18, Appl 1495 105.5 5.8 337 4 US-09-332-337-41 Sequence 18, Appl 1495 105.5 5.8 342 4 US-09-397-243D-10 Sequence 10, Appl 1497 105 5.8 63 4 US-09-397-243D-10 Sequence 10, Appl 1499 105 5.8 269 4 US-09-397-243D-10 Sequence 10, Appl 1499 105 5.8 276 4 US-09-949-016-6121 Sequence 7, Appli 1500 105 5.8 512 4 US-08-999-689A-7 Sequence 7, Appli	### PALIGNMENTS RESULT 1	
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195 YECKAANEVSSADVKQVKVTVNYPPTITESKSNEATTGRQASLKCEASAVPAPDFEWYRD 254
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                                                                                                             79 NDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKI
                                                                                       20 LAALCLF-QGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVAWLNRSTILYAG
                                                Gaps
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    Length 338;
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Sequence 42, Application US/08414657D

GENERAL INFORMATION:

APPLICANT: Devitt, Pat

APPLICANT: Pimenta, Aurea

APPLICANT: Pischer, Itzhak

APPLICANT: Zhukareva, Victoria

TITLE OF INVENTION: Limbic System-Associated Membrane

STREET: SOURENCES: 60

CORRESPONDENCES: 60

CORRESPONDENCES: 60

CITY: Lawrenceville

CITY: Lawrenceville

STATE: NJ
                                             Indels
    DB 4;
                                             80;
    Query Match 51.6%; Score 931.5; DB Best Local Similarity 55.4%; Pred. No. 1.2e-84 Matches 180; Conservative 60; Mismatches 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SOFTWARE: FastSEQ for Windows Version 2.0 CURRENT APPLICATION DATA.
APPLICATION WHERE: US/08/414,657D
FILING DATE: 31-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       314 I-NGSISLAVPLWLLAASLLCLLSK 337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             319 VSNGTSRRAGCVWLLPLLVLHLLLK 343
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CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGBNT INFORMATION:
NAME: BLOOM, Allen
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 31774
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-520-3214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 338 amino acids
TYPE: amino acid
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APPLICANT: Buchbinder, Jenny
TITLE OF INVENTION: GENES EXPRESSED IN C3A LIVER CELL CULTURES TREATED WITH STEROIDS
FILE REPERRNCE: PA-0041 US
CURRENT APPLICATION NUMBER: US/09/976,594
CURRENT FILING DATE: 2001-10-12
PRIOR PILING DATE: 2000-10-12
NUMBER OF SEQ ID NOS: 1143
SOFTWARE: PERL PROGRAM
SEQ ID NO 404
LENGTH: 338
                                                             APPLICANT: One Pharmaceutical Co., Ltd.
TITLE OF INVENTION: No. 6664383el Polypeptides, cDNA encoding the same, and use of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   61 SNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKIVEISSDISINEGN 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NISLICIATGRPEPTVIWRHISPKAVGFVSEDEYLEIQGITREQSGDYECSASNDVAAPV 211
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; OTHER INFORMATION: Incyte ID No. 6673549 1640555CD1
US-09-976-594-404
                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 90.9%; Score 1642; DB 4; I
Best Local Similarity 100.0%; Pred. No. 7.6e-156;
Matches 313; Conservative 0; Mismatches 0;
                                                                                                  FILE REFERENCE: Q61459
CURRENT APPLICATION NUMBER: US/09/700,397
CURRENT PILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: UP 10-131815
PRIOR FILING DATE: 1998-05-14
PRIOR APPLICATION NUMBER: PCT/JP99/02495
PRIOR FILING DATE: 1999-05-13
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 404, Application US/09976594; Patent No. 6673549; GENERAL INFORMATION:
Sequence 4, Application US/09700397
Patent No. 6664383
GENERAL INFORMATION:
                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.0
SEQ ID NO 4
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ORGANISM: Homo sapiens
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                                                                                                                                                                                                                                                                                                                                                                                                                  255 DTR-INSANGLEIKSTEGQSSLTVTNVTEEHYGNYTCVAANKLGVTNASLVLFRPGSVRG 313
                                                                                                                                                                                              79 NDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKI 138
                                                                                                                               20 LAALCLF-OGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVAWLNRSTILYAG 78
                                                                                                                                                   5
                                                               Length 338;
                                                                                                81; Indels
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APPLICANT: Pimenta, Aurea
APPLICANT: Fischer, Itzhak
APPLICANT: Aukareva, Victoria
TITLE OF INVENTION: Limbic System-Associated Membrane
TITLE OF INVENTION: Protein and DNA
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building 3, Suite 210
                                                                 DB 2;
                                                             51.3%; Score 926.5; DB 2 55.1%; Pred. No. 3.6e-84; tive 60; Mismatches 81
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,657D
FILING DATE: 31-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY-AGENT INFORMATION:
NAME: Bloom, Allen
REGISTRATION NUMBER: 29,135
                                                                                                                                                                                                                                                                                                                                                                                                                                                              319 VSNGTSRRAGCVWLLPLLVLHLLLK 343
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RELECOMMUNICATION INFORMATION:
TELEPHONE: 609-520-3214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ZIP: 08543
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
                                                            Query Match
Best Local Similarity 55.13
Matches 179; Conservative
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INFORMATION FOR SEQ ID NO:
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               linear
STRANDEDNESS:
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 ; STRANDEDNES;
; TOPOLOGY:
US-08-414-657D-42
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255 DTR-INSANGLEIKSTEGQSSLTVTNVTEEHYGNYTCVAANKLGVTNASLVLPRPGSVRG 313
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                                                                                                                                                                               Length 338;
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APPLICANT: Pimenta, Aurea
APPLICANT: Pimenta, Aurea
APPLICANT: Pimenta, Aurea
APPLICANT: Pimenta, Aurea
APPLICANT: Flacher, Itaha
APPLICANT: Fluxareva, Victoria
TITLE OF INVENTION: Limbic System-Associated Membrane
TITLE OF INVENTION: Protein and DNA
NUMBER OF SEQUENCES: 29
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building 3, Suite 210
CITY: Lawrenceville
STATE: NJ
                                                                                                                                                                                                                              Indels
                                                                                                                                                                               DB 2;
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COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: Diskette
COMPUTER: DISM Comparible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
SURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,080
FILING DATE: 17-AUG-1998
CLASSIFICATION A14.4,657
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/414,657
ATTORNAY AGENT INPORMATION:
NAWE: BLOOM, Allen
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 317743-102A
TELECHMUNICATION INDERATION:
TELEPHONE: 609-620-3214
                                                                                                                                                                       ; Score 926.5; DB 2
; Pred. No. 3.6e-84;
60; Mismatches 81
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Patent No. 6423827
GENERAL INFORMATION:
                                                                                                                                                                             51.3%;
55.1%;
SEQUENCE CHARACTERISTICS:
LENGTH: 338 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                       Query Match
Best Local Similarity 55.1<sup>†</sup>
Matches 179; Conservative
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US-08-414-657D-43
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PRIOR APPLICATION DATA:
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US-08-414-657D-41
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                                                                                                                                                                   Length 338;
                                                                                                                                                                                                    81; Indels
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APPLICANT: Fischer, Itzhak
APPLICANT: Fischer, Itzhak
APPLICANT: Zhukareva, Victoria
TITLE OF INVENTION: Limbic System-Associated Membrane
TITLE OF INVENTION: Protein and DNA
TUTHE OF SEQUENCES:
CORRESPONDENCES:
ADDRESSE: Dechert Price & Rhoads
                                                                                                                                                                 DB 4;
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997 Lenox Drive, Building 3, Suite 210
                                                                                                                                                                 51.3%; Score 926.5; DB 4
55.1%; Pred. No. 3.6e-84;
cive 60; Mismatches 81
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASESEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,657D
FILING DATE: 31-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
APPLICATION NUMBER:
APPLICATION NUMBER:
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; Sequence 2, Application US/08414657D
; Patent No. 5861283
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NAME: Bloom, Allen
REGISTRATION NUMBER: 29,135
            TELEX:
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 338 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                   Best Local Similarity 55.19
Matches 179; Conservative
TELEFAX: 609-620-3259
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APPLICANT: Levitt, Pat
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TOPOLOGY:
US-09-135-080-4
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188 YECKAANEVSSADVKQVKVTVNYPPTITESKSNEATTGRQASLKCEASAVPAPDFEWYRD 247
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      68 HDKWSLDPRVELEKRHSLEYSLRIQKVDVYDEGSYTCSVQTQHEPKTSQVYLIVQVPPKI 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       139 VEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDEYLEIQGITREQSGD 198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           10 LRILCLIPTGLPVRSVD--FNRGTDNITVRQGDTAILRCVLEDKNSKVAMLNRSGIIFAG 67
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              20 LAALCLF-QGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVAWLNRSTILYAG
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                          5;
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Patent No. 5861283

GENERAL INFORMATION:
APPLICANT: Levitt, Pat
APPLICANT: Pimenta, Aurea
APPLICANT: Pischer, Itzher
APPLICANT: Zhukareva, Victoria
ITILE OF INVENTION: Linibic System-Associated Membrane
TITLE OF INVENTION: Protein and DNA
NUMBER OF SEQUENCES: 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AUDKESSEE: Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building 3, Suite 210
CITY: Lawrenceville
STATE: NJ
                                                                                                                                                                                                                                                                                                                                                                                                                 DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                 51.1%; Score 923.5; DB 2
55.3%; Pred. No. 6.8e-84;
tive 60; Mismatches 78
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APPLICATION NUMBER: US/08/414,657D
FILING DATE: 31-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       319 VSNGTSRRAGCVWLLPLLVL 338
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                       TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-520-3214
TELEFAX: 609-520-3259
                                                                                                                              INFORMATION FOR SEQ ID NO: 2: SEQUENCE CHARACTERISTICS: LENGTH: 325 amino acids TYPE: amino acid STRANDEDNESS: single TOPOLOGY: linear MOLECULE TYPE: protein FRAGMENT TYPE: internal
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
REFERENCE/DOCKET NUMBER:
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Matches 177; Conservative
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CORRESPONDENCE ADDRESS:
ADDRESSEE: Dechert P
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; Patent No. 6423827
; GENERAL INFORMATION:
    APPLICANT: Letter, Pat R.
    APPLICANT: Pimenta, Aurea
    APPLICANT: Pimenta, Aurea
    APPLICANT: Pimenta, Victoria
    TILLE OF INVENTION: Limbic System-Associated Membrane
    TITLE OF INVENTION: Limbic System-Associated Membrane
    TITLE OF INVENTION: Procein and DNA
    NUMBER OF SEQUENCES: 29
    CORRESPONDENCE ADDRESS:
    ADDRESSEB: Dechert Price & Rhoads
    STREET: 997 Lenox Drive, Building 3, Suite 210
    CITY: Lawrenceville
                                                                                                                                                                                                                                                                                                                                                       Query Match 51.1%; Score 923.5; DB 2; Length Best Local Similarity 55.3%; Pred. No. 6.8e-84; Matches 177; Conservative 60; Mismatches 78; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,080
                                                     NAME: Bloom, Allen
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 317743-102
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-520-3214
TELEFAX: 609-520-3259
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                  FILING DATE:
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                       INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 325 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                             single
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                       STRANDEDNESS: si
TOPOLOGY: linear
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US-09-135-080-2
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79 NDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKI 138
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Patent No. 5861283

GENERAL INFORMATION

APPLICANT: Devitt, Pat

APPLICANT: Fischer, Itzhak

APPLICANT: Fischer, Itzhak

APPLICANT: Andereva, Victoria

TITLE OF INVENTION: Limbic System-Associated Membrane

TITLE OF INVENTION: Protein and DNA

NUMBER OF SEQUENCES: 60

NUMBER OF SEQUENCES: 60

CORRESPONDENCE ADDRESS:

ADDRESSEE: Dechert Price & Rhoads
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              51.1%; Score 923.5; DB 4;
55.3%; Pred. No. 6.8e-84;
tive 60; Mismatches 78;
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STREET: 997 Lenox Drive, Building 3, Suite 210
CITY: Lawrenceville
          CLASSIFICATION: 424
PRIOR APPLICATION 1424
PRIOR APPLICATION NUMBER: 08/414,657
FILING DATE: 31-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bloom, Allen
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 317743-.
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
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17-AUG-1998
                                                                                                                                                                                                                                                                                                                                                                                      LENGTH: 325 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 51.19
Best Local Similarity 55.33
Matches 177; Conservative
                                                                                                                                                                                                                                                        TELEPHONE: 609-620-321
TELEFAX: 609-620-3259
TELEX:
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MOLECULE TYPE: protein
FRAGMENT TYPE: internal
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COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
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Sequence 8, Application US/09135080

Patent No. 6423877

GENERAL INFORMATION:

APPLICANT: Dewitt, Pat R.

APPLICANT: Fischer, Itahe

TITLE OF INVENTION: Limbic System-Associated Membrane

TITLE OF INVENTION: Limbic System-Associated Membrane

TITLE OF SEQUENCES:

NUMBER OF SEQUENCES: 29

CORRESPONDENCE ADDRESS:

ADDRESSE: Dechert Price & Rhoads

STREET: 997 Lenox Drive, Building 3, Suite 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  81; Indels
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FASCESO for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,657D
FILING DATE: 31-MAR-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 923.5; DB 2
Pred. No. 7.3e-84;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              60; Mismatches
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                                                                                                                                                                                                                                                                                                                                                                                                           ATTORNEY/AGENT INFORMATION:
NAME: BLOOM, Allen
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 3177.
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-520-3214
TELEPAX: 609-520-3259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEX:
INFORMATION FOR SEQ ID NO: 60: SEQUENCE CHARACTERISTICS:
LENGTH: 338 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   51.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity 55.1%
Matches 179; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Lawrenceville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
US-08-414-657D-60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            COUNTRY:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         259
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79 NDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKI 138
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        259 DKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIMLFGPGAVSE 318
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Sequence 46, Application US/08414657D

Patent No. 5861283

GENERAL INFORMATION:
APPLICANT:
Pienta, Aurea
APPLICANT: Fischer, Itzhak
APPLICANT: Fischer, Itzhak
APPLICANT: ALWareva, Victoria
TITLE OF INVENTION: Determed Application of INVENTION: Protein and DNA
ITTLE OF SEQUENCES:
CORRESPONDENCE ADDRESS:
CORRESPONDENCE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       3: Dechert Price & Rhoads
997 Lenox Drive, Building 3, Suite 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 4;
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                                                              MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/135,080
FILLING DATE: 17-AUG-1998
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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| 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 | 315 
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                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICALL.
FILING DATE: 17-AUG-1990
CLASSIFICATION: 424
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/414,657
FILING DATE: 31-WAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: 810-0m, All-an
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 317743.
TELECOMMUNICATION:
TELECOMMUNICATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LENGTH: 338 amino acids
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TELEFAX: 609-620-3259
TELEX:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SEQUENCE CHARACTERISTICS:
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COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ; TOPOLOGY: linear
US-09-135-080-8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 12
US-08-414-657D-46
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139 VEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDEYLEIQGITREQSGD 198
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     195 YECKAANEVSSADVKQVKVTVNYPPTITESKSNEATTGRQASLKCEASAVPAPDFEWYRD 254
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    259 DKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIMLFGPGAVSE 318
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           17 LRLLCLLPTGLPVRSVD--FNRGTDNITVRQGDTAILRCVVEDKNSKVAWLNRSGIIFAG 74
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              79 NDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 315;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Indels
                     ADDRESSEE: Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building 3, Suite 210
CITY: Lawrenceville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        70;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match

50.2%; Score 907; DB 2;
Best Local Similarity 56.3%; Pred. No. 2.9e-82;
Matches 170; Conservative 58; Mismatches 70.
                                                                                                                                                                                                           OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,657D
FILING DATE: 31-MAR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Sequence 45, Application US/08414657D
Patent No. 5861283
GENERAL INFORMATION:
APPLICANT: Panenta, Autea
APPLICANT: Pinenta, Autea
APPLICANT: Fischer, Itzhak
APPLICANT: Zhukareva, Victoria
                                                                                                                                                                                                                                                                                                                                                                                                                   ATTORNEY/AGENT INFORMATION:
NAME: Bloom, Allen
REGIGSTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 3177
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-520-3214
                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           LENGTH: 315 amino acida
TYPE: amino acid
STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                           FILING DATE: 31-MAR-19
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 SEQUENCE CHARACTERISTICS
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TELEX:
  CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 68 HDKWSLDPRVELEKRHSLEYSLRIQKVDVYDEGSYTCSVQTQHEPKTSQVYLIVQVPPKI 127
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                139 VEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDEYLEIQGITREQSGD 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SNISSDVTVNEGSNVTLVCMANGRPEPVITWRHLTPTGREFGGEEGYLEILGITREQSGK 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       YECSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAVPSAEFQWYKD 258
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIMLFGPGAVSE 318
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20 LAALCLF-QGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVAWLNRSTILYAG
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        50.3%; Score 908; DB 2; Length 308; 56.3%; Pred. No. 2.2e-82; tive 58; Mismatches 70; Indels
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Patent No. 5861283
GENERAL INFORMATION:
APPLICANT: Levitt, Pat
APPLICANT: Pimenta, Aurea
APPLICANT: Fischer, Itzhak
APPLICANT: Zhukareva, Victoria
TITLE OF INVENTION: Limbic System-Associated Membrane
TITLE OF INVENTION: Protein and DNA
NUMBER OF SEQUENCES: 60
                                                                        COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
CURRATING SYSTEM: DOS
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,657D
FILING DATE: 31-MAR-1995
CLASSIFICATION 1435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/414,657D
FILING DATE: 31-MAR-1995
FRIOR APPLICATION DATA:
APPLICATION NUMBER: SPILOR
FILING DATE:
ATTOMNEY/ABCT INFORMATION:
NAME: Bloom, Allen
REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 317743-102
TELECOMMUNICATION INFORMATION:
TELECHMONE: 600-520-3214
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 308 amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 50.3
Best Local Similarity 56.3
Matches 170; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TELEFAX: 609-520-3259
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   single
Lawrenceville
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: amino acid
STRANDEDNESS: sir
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ; TOPOLOGY: linear
US-08-414-657D-46
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IN 308
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                                                               08543
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US-08-414-657D-47
                                          COUNTRY:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    59 EKRHALEYSLRIQKVDVYDEGSYTCSVQTQHEPKTSQVYLIVQVPPKISNISSDVTVNEG 118
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         NNISLICIATGRPEPTVIWRHISPKAVGFVSEDEYLEIOGITREOSGDYECSASNDVAAP 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       211 VVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAVPSAEFQWYKDDKRLIEGKKGVK 270
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  VENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIMLFGPGAVSEVSNGTSRRAGCV 330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         179 DVKQVKVTVNYPPTITTESKSNEATTGRQASLKCEASAVPAPDFEWYRDDTR-INSANGLE 237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                31 VRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVAMLNRSTILYAGNDKWCLDPRVVL 90
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        1 VRSVD--FNRGTDNITVRQGDTAILRCVVEDKNSKVAMINRSGIIFAGHDKWSLDPRVEL 58
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    50.1%; Score 905; DB 2; Length 310; 55.3%; Pred. No. 4.5e-82; Live 59; Mismatches 77; Indels
TITLE OF INVENTION: Limbic System-Associated Membrane TITLE OF INVENTION: Protein and DNA NUMBER OF SEQUENCES: 60 CORRESPONDENCE ADDRESS: ADDRESSEE: Dechert Price & Rhoads
                                                                             ADDRESSEE: Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building 3, Suite 210
CITY: Lawrenceville
                                                                                                                                                                                                                            COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/414,657D
FILING DATE: 31.MRR-1995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: 317743-102
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-520-3214
                                                                                                                                                                                                                                                                                                                                                                                                                                ATTORNEY/AGENT INFORMATION:
NAME: Bloom, Allen
REGISTRATION NUMBER: 29,135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 310 amino acida
TYPE: amino acid
STRANDEDNESS: single
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Matches 173; Conservative
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                                                                                                                                                                                                                    Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TELEFAX: 609-520-3259
                                                                                                                                                                                                                                                                                                                                  FILING DATE: 31-MAR-1
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
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MEDIUM TYPE: Diskett
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Sequence 44, Application US/08414657D Patent No. 5861283 GENERAL INFORMATION:

RESULT 15 US-08-414-657D-44 APPLICANT: Levitt, Pat

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91 LSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKIVEISSDISINEG 150
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 49.9%; Score 902; DB 2; Length 304; Best Local Similarity 55.5%; Pred. No. 8.7e-82;
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APPLICANT: Pimenta, Aurea
APPLICANT: Fischer, Itzhak
APPLICANT: Zhukareva, Victoria
TITLE OF INVENTION: Limbic System-Associated Membrane
TITLE OF INVENTION: Protein and DNA
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dechert Price & Rhoads
STREET: 997 Lenox Drive, Building 3, Suite 210
                                                                                                                                                                                                                                                                                                                                                   COMPUTER: IBM COMPATIBLE
OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
FILING DATE: 31-MAR-1995
CLASSIFICATION: 435
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REGISTRATION NUMBER: 29,135
REFERENCE/DOCKET NUMBER: 317743-102
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TELEPHONE: 609-520-3214
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    INFORMATION FOR SEQ ID NO: 4
SEQUENCE CHARACTERISTICS:
LENGTH: 304 amino acids
TYPE: amino acids
STRANDEDNESS: single
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APPLICATION NUMBER:
FILING DATE:
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                                                                                                                                                                                        CITY: Lawrenceville STATE: N7
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US-08-414-657D-44
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Sequence 523, App Sequence 523, App Sequence 523, App Sequence 56, Appli Sequence 52, Appli Sequence 523, App Sequence 4, Appli Sequence 6, Appli

Scoring table:

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(c) 1993 - 2005 Compugen Ltd.
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Gapop 10.0 , Gapext 0.5
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Seguence: 1 MKTIQPKWHNSISWAIFTGL.
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Sequence 4, Appli Sequence 6, Appli Sequence 6, Appli Sequence 15, Appli Sequence 17, Appli Sequence 17, Appli Sequence 18, Appli Sequence 11, Appli Sequence 21, Appli Sequence 24, Appli Sequence 24, Appli Sequence 26, Appli Sequence 612, Appli Sequence 613, A

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"RIKEN integrated sequence analysis (RISA) system-384-format sequencing pipeline with 384 multicapillary sequencer.";
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Protein Sci. 13:2819-2824(2004).
-!- FUNCTION: Neural cell adhesion molecule.
-!- SUBCELLULAR LOCATION: Attached to the membrane by a GPI-anchor.
-!- ALTERNATIVE PRODUCTS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Isold=Q9P121-3; Sequence=VSP_010940, VSP_010941;
Note=No experimental confirmation available;
SIMILARITY: Belongs to the immunoglobulin superfamily. IgLON
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PubMed=15340161; DOI=10.1110/ps.04682504;
Zhang Z., Henzel W.J.;
"Signal peptide prediction based on analysis of experimentally verified cleavage sites.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).
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Note=No experimental confirmation available;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Event=Alternative splicing; Named isoforms=3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    IsoId=Q9P121-1; Sequence=Displayed;
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TISSUE=Skin;
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PROSITE; PSSOB15; IG LIKE; 3.
Alternative splicing; Cell adhesion; Direct protein sequencing; Glycoprotein; GPI-anchor; Immunoglobulin domain; Lipoprotein; Repeat; Signal.
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(Potential).
(Potential).
(Potential).
(Potential).
(Potential).
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Ig-like C2-type 1.
Ig-like C2-type 2.
Ig-like C2-type 3.
Potential.
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                                                                                                                                                                                                                                                                                                                                                                      SISWAIFTGLAALCLFQ (in isoform 2)
                                                                                                                                                                                                                                                                                                                                     GPI-anchor amidated asparagine
                                                                                                                                                                                                                                                                                                                                                                                         ETVL (in isoform 3)
                                                                                                                                                                                                                                                                                                                                                                                                                                   DA4D12C295ABBE3A CRC64;
                                                                                                                                                                                                                                                          N-linked (GlCNAC...) (N-linked (GlCNAC...)
                                                                                                                                                                                                                                                                                                                                                                                                               Missing (In isoform 3). /FIId=VSP 010941.
                                                 MIM; 607938; -.
GO; GO:0008038; P:neuronal cell recognition; TAS.
InterPro; IPR007110; 1g-1ike.
InterPro; IPR003598; Ig_c2.
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         EMBL, AF126426; AAF37591.1; -. EMBL, AX38831, AAQ88697.1; -. EMBL, BC050716; AAH50716.1; -. HSSP, P13590; IIE5.
                                                                                                                                                                                                                                                                                                                                                                                                                                    344 AA; 37971 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                         92.2%;
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Best Local Similarity 95.27
Matches 320; Conservative
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SEQUENCE FROM N.A.

SEQUENCE FROM N.A.

SEQUENCE FROM N.A.

STRAIN=C57BL/6; TISSUE=Eye;

MEDINE=2238825; PubMed=12477932; DOI=10.1073/pnas.242603899;

Strausberg R.L., Feingold B.A., Grouse L.H., Derge J.G.,

Altschul S.F., Zeeberg B. Buercw K.H., Schaefer C.F., Bhat N.K.,

Altschul S.F., Zeeberg B. Buercw K.H., Schaefer C.F., Bhat N.K.,

Altschul S.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,

Altschul S.F., Lordan H., Moore T., Max S.I., Wang J., Hsieh F.,

Brands.S., Loquellano N.B., Bonaldo M.F., Caranori P., Prange C.,

Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,

Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,

Richards S., Wolfey K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,

Nilalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,

Rahey J., Helton E., Ketteman M., Madan A., Rodrigues S., Sanchez A.,

Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,

Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,

Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,

Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,

Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.,

Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,

Butterfield X.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,

Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.,

Rodriguez A.C., Grimwood S.J., S.A., 99:16899-16903(2002).

Proc. Natl. Acad. Sci. U.S.A., 99:16899-16903(2002).

Proc. Oral. A. A. Schein J.E., Shalska U., Smailus D.E.,

Proc. Oral. Pack S.C., St. Pop. 16902(2002).

Proc. I. SIMILARITY: Belongs to the immunoglobulin superfamily: IgLON

Family. R. P. Schein M. A. Lached to the membrane by a GPI-anchor.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation the European Bloinformatics Institute. There are no restrictions on its was by non-profit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for commercial entities requires a license agreement (See http://www.isb-sib.ch/announce/or send an email to licenseaisb-sib.ch).
                                                                                                                                                                                                                                                                                    STRAIN=ICR; TISSUE=Brain; Kim J., Jeon J.W., Kim K.D., Lee S.H.; Kim T.H., Choi S.C., Kim J., Jeon J.W., Kim K.D., Lee S.H.; "Cloning and expression of mouse neurotrimin gene in the developing
                                                                                                                             Name=Nt; Synonyms=Hnt;
buss musotaius (Mouse).
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleogtomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Musinae; Mus
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Cell adheaion; Glycoprotein; GPI-anchor; Immunoglobulin domain;
Lipoprotein; Repeat; Signal. Prential
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Removed in mature form (Potential).
Ig-like C2-type 1.
Ig-like C2-type 2.
Ig-like C2-type 3.
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                                                                                                                                                                                                                                                                                                                                                          nervous system.";
Submitted (JUN-2000) to the EMBL/GenBank/DDBJ databases.
                                                              28-FEB-2003 (Rel. 41, Last sequence update) 25-OCT-2004 (Rel. 45, Last annotation update) Neurotrimin precursor.
                                         28-FEB-2003 (Rel. 41, Created)
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InterPro; IPR007110; Ig-like.
InterPro; IPR003598; Ig_c2.
Pfam; PF00047; ig; 3.
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Mammalia; Butheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus.
NCBI_TaxID=10116;
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MEDLINE-55198094; PubMeda-7891157;
MEDLINE-55198094; PubMeda-7891157;
Salzer J.L.;
Canoll P.D.; Wolfgang M.J.; Rosen C.L., D'Eustachio P. Salzer J.L.;
Cloning of neurotrimin defines a new subfamily of differentially dexpressed neural cell adhesion molecules.";
J. Neurosci. 15:2141-2156(1995).
--- FUNCTION: Neural cell adhesion molecule.
--- SUBCELLULAR LOCATION: Attached to the membrane by a GPI-anchor.
--- TISSUE SPECIFICITY: Central nervous system.
                                          (Potential).
(Potential).
(Potential).
(Potential).
(Potential).
(Potential).
                                                                                                                                                                                                                                                                                                                                                                                           DB 1; Length 344;
Potential.

Potential.
N-linked (GLONAC. ..) (Potential N-linked (
                                                                                                                                                                                                    (Potential).

L -> P (in Ref. 1).

S -> G (in Ref. 1).

T -> I (in Ref. 1).

E -> Q (in Ref. 1).

R -> P (in Ref. 1).

R -> P (in Ref. 1).

R -> P (in Ref. 1).

N, C885SBBA52C148554 CRC64;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   NTRI RAT STANDARD; PRT; 344 AM. 062718; 01-NOV-1997 (Rel. 35, Last sequence update) 25-OCT-2004 (Rel. 45, Last annotation update) Neurotrimin precursor (GP65).
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DEVELOPMENTAL STAGE: Expressed at high levels in several developing projection systems: in neurons of the thalamus, subplate, and lower cortical laminae in the forebrain and in the pontine nucleus, cerebellar granule cells, and Purkinje cells in the hindbrain.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             EMBL: U16845; AAA67445.1; -
PIR; 156551; 156551.
InterPro; IPR007110; Ig-like.
InterPro; IPR007159; ig_c2.
Pfan; PF00047; ig, 3.
SMART; SM00408; IGc2; 2.
PROSITE; PS50835; IG LIKE; 3.
Cell adhesion; Direct protein sequencing; Glycoprotein; GPI-anchor; Immunoglobulin domain; Lipoprotein, Repeat; Signal.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        N-linked (GlcNAc. . .) (Potential).
GPI_anchor amidated asparagine
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Neurotrimin.
Removed in mature form (Potential).
Ig-like C2-type 1.
Ig-like C2-type 2.
Ig-like C2-type 3.
Potential.
Potential.
                                                                                                                                                                                         SIMILARITY: Belongs to the immunoglobulin superfamily. IgLON
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      3;
                                                                                                                                                                                                                                                SIMILARITY: Contains 3 immunoglobulin-like C2-type domains.
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Pred. No. 2.3e-122;
9; Mismatches 12; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CBB39BE53B33B224 CRC64;
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Best Local Similarity 92.9%;
Matches 312; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Golgi or granule cells.

DEVELOPMENTAL STAGE: Expressed by developing cerebellar Purkinje cells. Expression coincides with the growth of the dendritic tree, after Purkinje cells have finished their migration from the ventricular zone (from E1s until E21). Expressed in the adult. SIMILARITY: Belongs to the immunoglobulin superfamily. IgLON
                                                                                                            01-NOV-1997 (Rel. 35, Created)
01-NOV-1997 (Rel. 35, Last sequence update)
10-OCT-2003 (Rel. 42, Last annotation update)
CEPU-1 protein precursor.
Gallus gallus (Chicken).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IsoId=Q90773-2; Sequence=VSP_002607; TISSUE SPECIFICITY: Found on the dendrites, somata and axons of developing Purkinje cells. Undetectable on other neurons like
                                                                                                                                                                                                                                                                                                                                    Spaltmann F., Bruemmendorf T.; "CEPU-1, a novel immunoglobulin superfamily molecule, is expressed developing cerebellar Purkinje cells.";
                                                                                                                                                                                                                                                                                                                                                                                  J. Neurosci. 16:1770-1779[1996].
-!- FUNCTION: It may be a cellular address molecule specific to Purkinje cells. It may represent a receptor or a subunit of a receptor complex.
-!- SUBCELLULAR LOCATION: Attached to the membrane by a GPI-anchor.-!- ALTERNATIVE PRODUCTS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (Potential). (Potential). (Potential).
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SMART; SM00408; IGC2; 2.
PROSITE; PS50835; IG_LIKE; 3.
Alternative splicing; Cell adhesion; Glycoprotein; GPI-anchor; Immunoglobulin domain; Lipoprotein; Repeat; Signal.
28 Potential.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SIMILARITY: Contains 3 immunoglobulin-like C2-type domains
309 MLFGPGAVSEVNNGTSRRAGCIWLLPLLVLHLLLKF 344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CEPU-1 protein.
Removed in mature for 1g-like C2-type 1.
Ig-like C2-type 2.
Ig-like C2-type 3.
Ig-like C2-type 3.
Potential.
Potential.
N-linked (GlCNAc..)
N-linked (GlCNAc..)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Event=Alternative splicing; Named isoforms=2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Name=1; Synonyms=Minor;
IsoId=Q90773-1; Sequence=Displayed;
Name=2; Synonyms=Major;
                                                                                                                                                                                                                                                                                      6
                                                                                                                                                                                                                                                                                     SEQUENCE FROM N.A. (ISOFORMS 1 AND
                                                                                                                                                                                                                                                                                                                      MEDLINE=96370549; PubMed=8774445;
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InterPro; IPR003598; Ig_c2.
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                                                                                  STANDARD;
                                                                                                                                                                                                                                                  NCBI_TaxID=9031;
                                                                                                                                                                                                                                                                                                    TISSUE=Brain,
                                             LT 5
CHICK
CEPU CHICK
Q90773;
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                                                                                                                                                                                                                                                    65 RVAWLNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIBIQNVDVYDEGPYTCSVQTDNHPK 124
                                                                                                                                                                                                                                                                                                              TSRVHLIVQVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDE 184
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         01-JUN-1998 (TrEMBLrel. 06, Last sequence update)
05-JUL-2004 (TrEMBLrel. 27, Last annotation update)
Neural secreted glycoprotein (CEPU-Se alpha 2 isoform).
Name=CEPU; Synonyms=CEPU-Se;
Gallus gallus (Chicken).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
 N-linked (GlcNAc. .) (Potential).
N-linked (GlcNAc. .) (Potential).
N-linked (GlcNAc. .) (Potential).
GPI-anchor amidated serine (Potential).
                                                                                                                                                         11; Gaps
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MEDLINE=99347334; PubMed=10420985;
Kim D.S., Rhew T.H., Moss D.J., Kim J.Y.;
"CDNA cloning of the CEPUS, a secreted type of neural glycoprotein belonging to the immunoglobulin-like opioid binding cell adhesion molecule (OBCAM) subfamily.";
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DB 1; Length 353;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NASIMLF-------GPGAVSEVSNGTSRRAGCVWLLPLLVLHLLLKF
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                                                                                                                                                        32; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Lodge A.P., McNamee C.J., Howard M.R., Reed J.E., Moss D
Submitted (AUG-2000) to the EMBL/GenBank/DDBJ databases.
EMBL; A7225897; CAA12649.1; --
EMBL; AF292935; AAG01878.1; --
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        to the EMBL/GenBank/DDBJ databases
                                                                                            2550C48591EBBBA6 CRC64;
                                                             Missing (in isoform 2). /FTId=VSP_002607.
                                                                                                                       81.8%; Score 1477.5; DE 78.6%; Pred. No. 2e-109; ive 32; Mismatches 3
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01-JUN-1998 (TrEMBLrel. 06, Last seq
05-JUL-2004 (TrEMBLrel. 27, Last ann
                                                                                            38736 MW;
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InterPro, IPR007110; Ig-like.
InterPro, IPR003598; Ig_c2.
                                                                                                                                                      Matches 276; Conservative
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                                                                                            353 AA;
                                                                                                                                        Best Local Similarity
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CARBOHYD
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248 VPSADFQWYKDDKRLAEGQKGLKVENKAFFSRLTFFNVSEQDYGNYTCVASNQLGNTNAS 307
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           8 ALPWRCLVVLCLRILFLVPAGVPVRSGDATFPKAMDNVTVRQGESATLRCSVDNRVTRVA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              68 WIANRSSILYAGNDKWCLDPRVVILANTKTQYSIQIHDVDVYVBEGPYTCSVQTDNHPKTSR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         IQGITREQSGDYECSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASA
                                                                                                                                                                                                                                         VPSAEFQWYKDDKRL1EGKKGVKVENRPFLSKL1FFNVSEHDYGNYTCVASNKLGHTNAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11 SISWAIFTGLAALCLF---QGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVA
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Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
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75.2%; Score 1357.5; DB 2; Length 315;
Best Local Similarity 83.0%; Pred. No. 6.2e-100;
Matches 253; Conservative 26; Mismatches 23; Indels 3;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .ט.ם
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 InterPro; IPR007110; Ig-like.
InterPro; IPR003598; Ig_c2.
Pfam; PR00047; ig; 2.
SMART; SM00408; IGc2; 2.
PROSITE; PS50835; IG LIKE; 3.
SEQUENCE 315 AA; 34606 MW; 68C5D27F0DDC6FB2 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Created)
Last sequence update)
Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                       308 IMLFGPGAVSEVSNGTSRRAGCVWLLPLLVLHLLLKF 344
                                                                                                                                                                                                                                                                                                                                                                                                            ::|:||||| : ::| || || || : :| || 308 MILYGPGAVHDGNSGAWRGSCAWLLALPLAQLARQF
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRELIMINARY;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Gallus gallus (Chicken)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       SEQUENCE FROM N.A.
TISSUE=Brain;
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                                                                                                            188
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RVAMLNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPK 124
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      184
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  244
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ASAVPSAEFQWYKDDKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHT 304
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   .28 VHLIVQVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDEYLE 187
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                                                                                                                                                                                                                                                                                                                                                                    62
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             :: | ALPWRCLVVLCLRLLFLVPAGVPVRSGDATFPKAMDNVTVRQGESATLRCSVDNRVTRVA
                                                                                                                                                                                                                                                                                                                                               QAKMQHPVSWVIPAGWAALLLFQGVPVRSGDATFPKAMDNVTVRQGESATLRCSVDNRVT
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                                                                                                                                                                                                                                                                                                      5 QPKMHNSISWAIFTGLAALCLFQGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVT
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Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE FROM N.A.

Kimura Y., Shirabe K., Fukushima M., Takeshita M., Tanaka H.;
Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases.
EMBL, AB011810; BAA31514.1; -.
HSSP, Q9UQH9; IDUS.
InterPro; IPR00310; Ig-11ke.
InterPro; IPR003598; Ig-2.
Fran, PR00047; ig; 2.
SWART; SM00408; IGC2; 2.
PROSITE; PS50835; IG_LIKE; 3.
                                                                                                                                                                         Length 313;
Pfam; PP00047; ig; 2.
SMART; SM00408; IGC2; 2.
PROSITE; PS50835; IG LIKE; 3.
SROUENCE 313 AA; 34482 MW; 99ADB25CAE4A5347 CRC64;
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344 AA; 37613 MW; 22CAA8F526A6B57E CRC64;
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Last annotation update)
                                                                                                                                                                      79.1%; Score 1428; DB 2; 85.4%; Pred. No. 1.5e-105; ive 27; Mismatches 18;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             344
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093242,
01-NOV-1998 (TEMBLEEL 08, C1
01-NOV-1998 (TEMBLEEL 08, L6
01-OCT-2003 (TEMBLEEL 25, L6
CEPU-1.
Gallus gallus (Chicken).
                                                                                                                                                                                                    Best Local Similarity 85.4
Matches 263; Conservative
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NASMILYG 310
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Best Local Similarity
Matches 267; Conserv
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                                                                                                                                                                            Query Match
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VPSAEFQWYKDDKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNAS 307
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SEQUENCE FROM N.A.

SEQUENCE FROM N.A.

SEQUENCE 59B/6; TISSUB-Brain;

MEDLINE=2238825; PubMed=1247932; DOI=10.1073/pnas.242603899;

A Straubberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,

A Itschul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhar N.K.,

A Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,

A Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,

B Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,

B Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,

B Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,

Stapleron M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheetz T.E.,

B Erownstein M.J., Usdin T.B., Tochhyuki S., Carninci P., Prange C.,

R Raba S.S., Loquellano N.A., Peters G.J., Abramson R.D., Millahy S.J.,

B Richards S., Worley K.C., Hale S., Garcia A.M., Gabbs R.A.,

Villalon D.K., Muzny D.M., Sodergren B.J., Lu X., Gibbs R.A.,

Richards S., Worley W., Sodergren B.J., Lu X., Gibbs R.A.,

Rabey J., Helton B.K., Ketteman M., Madan A., Rodrigues S., Sanchez A.,

Rhiting M., Madan A., Young A.C., Shevchenko Y., Boutfaud G.G.,

Blakesley R.W., Touchman J.W., Green B.D., Dickson M.C.,

Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,

A Dones S.J., Marra M.A.,

T "Generation and initial analysis of more than 15,000 full-length human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          VHLIVQVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDBYLE 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 WLNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSR 127
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                67
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                                                                                                                                                                                                                                                                                                                   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ö
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Director MGC Project;
Submitted (JUL-2004) to the EMBL/GenBank/DDBJ databases.
BMBL; BC076581; AAH76581.1;
InterPro; IPR003599; IG.
InterPro; IPR007110; Ig-like.
InterPro; IPR003598; Ig.c.
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SEQUENCE 337 AA; 37156 MW; 2A279D982E60F4AB CRC64;
                                                                                                                                  Created)
Last sequence update)
Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            and mouse cDNA sequences.";
Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002)
                                                                      337 AA
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                                                                      PRT;
                                                                                                                           25-OCT-2004 (TrEMBLrel. 28, Crea
25-OCT-2004 (TrEMBLrel. 28, Last
25-OCT-2004 (TrEMBLrel. 28, Last
Hypothetical protein 3732419F12.
Name=3732419F12;
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STRAIN=C57BL/6; TISSUE=Brain;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PFam; PF00047; ig; 3.
SMART; SM00409; IG; 3.
SMART; SM00408; IGc2; 3.
PROSITE; PS50835; IG_LIKE; 3.
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                                                                      PRELIMINARY;
                                                                                                                                                                                                                                                                                               Mus musculus (Mouse)
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                                                                                                                                                                                                                                                                                                                                                                                         NCBI_TaxID=10090;
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RESULT 9
060 PY2
10 Q60 PY2
10 Q60 PY2
10 Q60 PY2
25-00
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This SWISS-PROT entry is copyright. It is produced through a collaboration between the Swiss Institute of Bioinformatics and the EMBL outstation the European Bioinformatics Institute. There are no restrictions on its use by non-profit institutions as long as its content is in no way modified and this statement is not removed. Usage by and for commercial entities requires a license agreement (See http://www.isb-sib.ch/announce/or send an email to license@isb-sib.ch).
241 VPMAEFQWFKEDTRLATGLDGVRIENKGRISTLTFFNVSEKDYGNYTCVATNKLGNTNAS 300
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    R InterPro; Inte
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Lodge A.P., Kim D.-S., Howard M.R., McNamee C.J., Smith N., Moss D.J., "Cloning of Epples, a secreted isoform of Eppl.1, and OBCAM cDNAs from chick: structural diversity of IgLON family proteins "; Submitted (APR-1999) to the EMBL/GenBank/DDBJ databases.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Gallus gallus (Chicken).
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              01-NOV-1997 (Rel. 35, Created)
30-MAY-2000 (Rel. 39, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Opioid binding protein/cell adhesion molecule homolog precursor (Neurite inhibitor GP55-A) (OBCAM protein gamma isoform)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           -!- SIMILARITY: Contains 3 immunoglobulin-like C2-type domains.
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                                                                                                                                                                                                                              308 IMLFGPGAVSEVSNGTSRRAGCVWLLPLLVLHLLLKF
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MEDLINE=228825; PubMed=12477932; DOI=10.1073/pnas.242603899;
MEDLINE=228825; PubMed=12477932; DOI=10.1073/pnas.242603899;
A Krausberg R.L., Feingold E.A., Grouse L.H., Derge J.G., Schuler G.D.,
A Altschul S.F., Zeeberg B. Buercw K.H., Schaefer C.F., Bhat N.K.,
A Altschul S.F., Zeeberg B. Buercw K.H., Schaefer C.F., Bhat N.K.,
A Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
A Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,
Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.L., Scheez T.E.,
Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,
A Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullahy S.J.,
Bosak S.A., McEwan P.J., McKerran K.J., Malek J.A., Gunaratne P.H.,
Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
Villalon D.K., Muzny D.M., Sodergren B.J., Lu X., Gibbs R.A.,
A Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,
Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,
A Raciquez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,
Krzywinski M.I., Skalska U., Smailus D.E., Schnerch A., Schein J.E.,
M. Generation and initial analysis of more than 15,000 full-length human
                                                                                                                 121 VHLIVQVPPQIMNISSDITVNEGSSVTLLCLAIGRPEPTVTWRHLSVKEGQGFVSEDEYL 180
                                                                                               128 VHLIVQVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPK-AVGFVSEDEYL 186
                                                                                                                                                                                                                         AVPSAEPQWYKDDKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNA 306
                                                                                                                                                                                                                                            AVPMAEPQWFKEETRLATGLDGMRIENKGRMSTLTFPNVSEKDYGNYTCVATNKLGNTNA 300
                                                                                                                                                                               EISDIKRDQSGEYECSALNDVAAPDVRKVKITVNYPPYISKAKNTGVSVGQKGILSCEAS
   1 MYHPAYWVVFSATTALLFIPGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDDRVTRVA
                                                   61 WLNRSTILYAGNDKWSIDPRVIILVNTPTQYSIMIQNVDVYDEGPYTCSVQTDNHPKTSR
                                                                                                                                                            E10G1TREOSGDYECSASNDVAAPVVRRVKVTVNYPPY1SEAKGTGVPVGOKGTLOCEAS
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Amphibia; Batrachia; Anura; Mesobatrachia; Pipoidea; Pipidae;
Xenopodinae; Xenopus.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    MEDLINE-22341132; PubMed=12454917; DOI=10.1002/dvdy.10174;
Klein S.L., Strausberg R.L., Wagner L., Pontius J., Clifton S.W.,
Richardson P.;
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                                                                                                                                                                                                                                                                                       307 SIMLFGPGAVSEVSNGTSRRAGCVWLLPLLVLHLLLKF 344
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Last sequence update)
Last annotation update)
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                                                                                                                                                                                                                                                                                                         SITLYGPGAVIDGVNSASRALACLWLSGTLLAHFFIKF
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Created)
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TISSUE=Eye;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MGC84065 protein.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                               VPSAEFQWYKDDKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNAS 307
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 241 VPVAEFQWFKEDTRLANGLEGVRIESKGRLSTLTFFNVSEKDYGNYTCVATNKLGNTNAS 300
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                                                                                                                                                                                                                                                                                                                                                                                                                  MHNSISWAIFTGLAALCLFQGVPVRSGDAIFPKAMDNVIVRQGESAILRCTIDNRVIRVA
                                                                                                                                                                                                         8 MHNSISWAIFTGLAALCLFQGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
                                            N-linked (GlcNAc. .) (Potential).
N-linked (GlcNAc. .) (Potential).
N-linked (GlcNAc. .) (Potential).
N-linked (GlcNAc. .) (Potential).
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                                                                                                                                         72.3%; Score 1305; DB 1; Length 337; 73.2%; Pred. No. 1e-95;
                GPI-anchor amidated asparagine
                                                                                                                                                         ; Pred. No. 1e-95;
34; Mismatches 53; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     57; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Fobo G., Han M., Wiemann S., Submitted (JUN-2003) to the EMBL/GenBank/DDBJ databases EMBL; BKSJ7377; CAD97619.1; -- HSSP; C9UQH9; 111L.
                                                                                                              BAE717551856651E CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          EDD86EE2C57B09E3 CRC64;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               344
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Last annotation update)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              IMLFGPGAVSEVSNGTSRRAG--CVWLLPLLVLHLLLKF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                6e-95;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    71.7%; Score 1295.5;
.larity 71.6%; Pred. No. 6e-9
Conservative 38; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TISSUE=Human amygdala;
Wambutt R., Heubner D., Mewes H.W., Weil
                                 (Potential)
   Potential
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Created)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Hypothetical protein.
SEQUENCE 338 AA, 37267 MW;
                                                                                                              36887 MW;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Pfam; PF00047; ig; 2. SMART; SM00408; IGc2; 2. PROSITE; PS50835; IG_LIKE; 3.
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InterPro; IPR003598; Ig_c2.
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                                                                                                                                                                        Matches 248; Conservative
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277
285
298
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Homo sapiens (Human)
                                            133
277
285
298
337 AA;
                                                                                                                                                           Similarity
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Best Local Simi
Matches 242;
                                                             CARBOHYD
CARBOHYD
                                                                                          CARBOHYD
SEQUENCE
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Query Match
Best Local Similarity 72.8*
Matches 246; Conservative
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                                                                                                                                                                                                                                                                                                                   Name=OPCML;
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                                                                                                                                                                                                                 SRVHLIVQVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDEY 185
                                                                                                                                                                                                                                                                                SAVPSAEFQWYKDDKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTN 305
                                                                                                                                                                                                                                                                                          241 SAVPAADFFWYKEDKRLSDSWRGVKVENRETVSRVTFLNVSEQDYGNYTCMAKNILGGKN 300
                                                                                                                                                        12 ISWAIFTGLAALCLF-----QGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTR
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Archosauria; Aves; Neognathae; Galliformes; Phasianidae; Phasianinae;
                                                                                                                                9
                                                                                                                 Length 345;
     Submitted (UUT-2004) to the EMBL/GenBank/DDBJ databases.
EMBL; BC074283; AAH74283.1; -...
InterPro; IPR003599; Ig.
InterPro; IPR003599; Ig.
InterPro; IPR003598; Ig_c2.
InterPro; IPR003596; Ig_v.
Ffam; PP0047; ig; 3.
SWART; SM00409; IG; 3.
SWART; SM00406; IG2; 3.
SWART; SM00406; IG2; 3.
SWART; SM00406; IG2; 3.
SWART; SM00406; IG4; 2.
ERGUENCE 345 AA; 38166 MW; C2BEB4F5A2EEC4A6 CRC64;
                                                                                                                                44; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SMART; SW00408, 1962; 2.
PROSITE; PS50835; IG LIKE; 3.
SEQUENCE 344 AA; 37530 MW; 37FE6051CBF0E7B4 CRC64;
                                                                                                                                                                                                                                                                                                                  344
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Last annotation update)
                                                                                                                DB 2;
                                                                                                                                                                                                                                                                                                                 ASIMLFGPGAVSEVSNGTSRRAGCVWLLPLLVLHLLLKF
                                                                                                               70.7%; Score 1276.5; DI
71.7%; Pred. No. 2e-93;
                                                                                                                                                                                                                                                                                                                                                                         344 AA.
                                                                                                                                43; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                          Created)
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                                                                                                                                243; Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                Gallus gallus (Chicken)
                                                                                                                                                                                                                                                                                                                                                                                                                OBCAM alpha 1 isoform
                                                                                                                        Similarity
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NCBI_TaxID=9031;
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01-OCT-2003
                                                                                                                                                                                                                                                                                                                                                                                                                        Name=OBCAM;
Klein S., (
Submitted
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TISSUB-Fetal Brain;

WEDLINE=22388257; PubMed=12477932; DOI=10.1073/pnas.242603899;

A Straubberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,

A Klauber R.D., Collins F.S., Magner L., Shenmen C.M., Schuler G.D.,

A Lischul S.F., Zeeberg B., Buetow K.H., Schaefer C.F., Bhat N.K.,

A Diatchenko L., Marusina K., Farmer A.A., Wabin G.M., Hong L.,

Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,

Raha S.S., Loquellano N.A., Perers G.J., Abramson R.D., Mullahy S.J.,

Brownstein M.J., William P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,

Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,

A Nilalon D.K., Muzny D.M., Sodergren E.J., Lu X., Glbbs R.A.,

Rahe, J., Helton E., Ketteman M., Madan A., Rouffard G.G.,

Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,

A Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M., Butterfield Y.S.,

Krzywinski M.I., Skalska U., Smailus D.E., Schnerch A., Schein J.E.,

Jones S.J., Marra M.A.;

"Generation and initial analysis of more than 15,000 full-length human
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                                                                                                                                                                                                                                                                                              69 LNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRV 128
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   Length 344;
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Mammalia, Eutheria, Primates, Catarrhini, Hominidae, Homo.
                                                                         53, Indels
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Director MGC Project;
Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
EMBL; BCO74742; AAH74742.1; -.
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Last annotation update)
       DB 2;
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25-OCT-2004 (TrEMBLrel. 28, Last seque
25-OCT-2004 (TrEMBLrel. 28, Last annoi
Opioid-binding cell adhesion molecule,
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completed: October 19, 2005, 16:32:03
He : 203 secs
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                                                                                                                                                                                      LNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRV 128
                                                                                                                                                      QGITREQSGDYECSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAV
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                                                                                                                        Gaps
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TSSUB=0cocipital cortex;
MEDLINE=95237612; Pubmed=7721093; DOI=10.1016/0378-1119(94)00830-L;
Shark K.B., Lee N.M.;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Chordata, Craniata; Vertebrata, Buteleostomi,
Primates; Catarrhini; Hominidae; Homo.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            \label{eq:similarity} \textbf{SIMILARITY: Belongs to the immunoglobulin superfamily. } \textbf{IgLON} \\
                                                                                                                                                                                                                                                                                                                                                                                                                                                             01-NOV-1997 (Rel. 35, Created)
01-NOV-1997 (Rel. 35, Last sequence update)
05-JUL-2004 (Rel. 44, Last annotation update)
Opioid binding protein/cell adhesion molecule precursor (OBCAM)
(Opioid-binding cell adhesion molecule) (OPCML).
Name=OPCML; Synonyms=OBCAM;
                                                                                                                      3;
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                                                                                                 Length 344;
                                                                                                         ; Pred. No. 6e-93;
37; Mismatches 57; Indels
InterPro; IPR003599; Ig.
InterPro; IPR003599; Ig-like.
InterPro; IPR003599; Ig_c2.
Pfam; PF00047; ig; 3.
SMART; SM00409; IG; 3.
SMART; SM00409; IGc2, 3.
PROSITE; PS06385; IG LIKE; 3.
SEQUENCE 344 AA; 37868 MW; 15BFE574797B15F3 CRC64;
                                                                                                DB 2;
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                                                                                                                                                                                                                                                                                                                                                                                                                                           345 AA.
                                                                                         TO.3%; Score 1270.5; al Similarity 71.1%; Pred. No. 6e-9. 239; Conservative 37; Mismarrhee
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Mammalia; Butheria; Primates;
NCBI_TaxID=9606;
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Best Local S
Matches 239
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agreement (See http://www.isb-sib.ch/announce/
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       249 VPMAEFQWFKEETRLATGLDGMRIENKGRMSTLTFFNVSEKDYGNYTCVATNKLGNTNAS 308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         69 LNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIBIQNVDVYDEGPYTCSVQTDNHPKTSRV 128
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      HLIVQVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPK-AVGFVSEDEYLE 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                189 ISDIKRDQSGEYECSALNDVAAPDVRKVKITVNYPPYISKAKNTGVSVGQKGILSCEASA 248
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                                                                                                                                                                                                                                                                                                                                                                                                                      By similarity.
Opioid binding protein/cell adhesion molecule.
Removed in mature form (Potential).
Ig-like C2-type 1.
Ig-like C2-type 2.
Ig-like C2-type 3.
Potential.
Potential.
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(Potential).
(Potential).
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Cell adhesion; Glycoprotein; GPI-anchor; Immunoglobulin domain;
Liboprotein; Repeat; Signal.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  70.2%; Score 1268; DB 1; Length 345; 71.2%; Pred. No. 9.5e-93;
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A; Title: Molecular characterization of a new immunoglobulin superfamily protein with pote A; Reference number: S03199; MUD:89251576; PMID:2721489
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F;1-27/Domain: signal sequence #status predicted <SIG>F;28-345/Product: opioid-binding protein OPCAM #status predicted <MAT>
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A;Title: Opioid-binding cell adhesion molecule (OBCAM)-related clones from a rat brain cl
A;Reference number: JC1238; MUID:92347701; PMID:1339369
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C;Species: Bos primigenius taurus (cattle)
C;Date: 04-Dec-1992 #sequence_revision 04-Dec-1992 #text_change 09-Jul-2004
HLIVQVPPQIMNISSDITVNEGSSVTLLCLAIGRPEPTVTWRHLSVKEGQGFVSEDEYLE
                                                                                                           11 WKCLVVVSLRLLFLVPTGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDDRVTRVAMLN
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                                                                      IQGITREQSGDYECSASNDVAAPVVRRVTVNYPPYISEAKGTGVPVGQKGTLQCEASA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14 WAIFTGLAALCLF---QGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVAWLN
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8e-86;
ches 57; Indels
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ITLYGPGAVIDGVNSASRALACLWLSGTLLAHFFIKF 345
                                                                                                                                                                                                                                                                                                                                                       IMLFGPGAVSEVSNGTSRRAGCVWLLPLLVLHLLLKF 344
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           70.1%; Score 1266; Dilarity 71.6%; Pred. No. 8e-80
Conservative 34; Mismatches
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Best Local Similarity
Matches 240; Conservat
129
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                  A, Residues: 1-338 <LIP>
A, Cross-references: UNIPROT: P32736; GB:M88709; NID: 9203245; PIDN: AAA40858.1; PID: 9203246
A, Experimental source: brain
C, Genetics:
A, Gene: OBCAM
C, Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
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A,Cross-references: GDB:251677; OMIM:600632
A;Map position: 11pter-11gter
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    VHLIVQVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPK-AVGFVSEDEYL 186
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                                                                                                                                                                                                                                                                          71.2%; Score 1285.5; DB 2; Length 71.6%; Pred. No. 2.8e-87; ive 35; Mismatches 60; Indels
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Best Local Similarity 71.64
Matches 242; Conservative
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Best Local Similarity 55.4
Matches 180; Conservative
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50K glycoprotein precursor - chicken

C.Species: Gallus gallus (chicken)

C.Species: Gallus gallus (chicken)

C.Date: 0.2-Sep-1997 #sequence_revision 05-Sep-1997 #text_change 09-Jul-2004

C.Accession: JC5519

R.Hancox, K.A.; Gooley, A.A.; Jeffrey, P.L.

Mol. Brain Res 44, 273-285, 1997

A.Title: AvGpSo, a predominantly axonally expressed glycoprotein, is a member of the Igl.

A.Reference number: JC5519; MUID:97225899; PMID:9073169

A.Reference number: JC5519; MUID:97225899; PMID:9073169

A.Residues: 1-338 «HAN»

A.Residues: 1-338 «HAN»

A.Residues: 1-338 «HAN»

A.Residues: This protein belongs to the IgLON's subfamily of cell adhesion molecules.

C.Comment: This protein belongs to the IgLON's subfamily of cell adhesion molecules.

C.Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin C.Reywords: glycoprotein #status predicted «AT»

F.1-31/Domain: signal sequence #status predicted «MAT»

F.32-338/Product: SOK glycoprotein #status predicted «MAT»

F.46-113/Domain: immunoglobulin homology «IMM1»

F.32-232/Domain: immunoglobulin homology «IMM2»

F.32-292/Domain: immunoglobulin homology «IMM3»

F.32-292/Domain: immunoglobulin homology «IMM3»

F.32-292/Domain: immunoglobulin homology «IMM3»
A;Accession: JC1239
A;Molecule type: mRNA
A;Molecule type: mRNA
A;Residues: 1-345 <LIP>
A;Residues: 1-345 <LIP>
A;Cross-references: UNIPROT: P32736; GB:M88710; NID:g203247; PIDN:AAA40859.1; PID:g203248
C;Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termin C;Keywords: transmembrane protein
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                                                                                                                                                                                                                                                                                                               LINRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRV 128
                                                                                                                                                                                                                                                                                                                                                                                              HLIVOVSPKIVEISSDISINEGNNISLTCIATGRPEPTVTWRHISPK-AVGFVSEDEYLE 187
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               IQGITREQSGDYECSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASA 2477
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   249 VPMAEFQWFKEDTRLATGLDGVRIENKGRISTLTFFNVSEKDYGNYTCVATNKLGNTNAS 308
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  NDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKI 138
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          68
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            74
                                                                                                                                                                                                                                                     ISDIKRDQSGEYECSALNDVAAPDVRKVKITVNYPPYISKAKNTGVSVGQKGILSCEASA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            VPSAEFQWYKDDKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNAS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12 ISWAIFTGLAALCLF---QGVPVRSGDATFPKAMDNVTVRQGESATLRCTIDNRVTRVAW
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                                                                                                                                                 Length 345;
                                                                                                                                            Query Match 69.7%; Score 1259; DB 2; Length 3 Best Local Similarity 71.2%; Pred. No. 2.6e-85; Matches 240; Conservative 34; Mismatches 59; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             83; Indels
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| ITLYGPGAVIDGVNSASRALACLWLSGTFFAHFFIKF 345
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56.0%; Pred. No. 1.4e-61;
iive 55; Mismatches 83;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches 182; Conservative
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C,Accession: UC4776
R,Pimenta, A.F.; Fischer, I.; Levitt, P.
R,Pimenta, A.F.; Fischer, I.; Levitt, P.
A,Title: cDNA cloning and structural analysis of the human limbic-system-associated memb;
A,Reference number: UC4776; MUD:96235133; PMID:8666243
A,Molecule type: mRNA
A,Residues: 1-338 <PIM>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A/Cross-references: UnIPROT:013449, GB:U41901; NID:g1276898, PIDN:AAC50569.1, PID:g127689
A/Experimental source: brain
C/Comment: This is a neuronal surface glycoprotein distributed in cortical and subcontice
C/Goment: This is a neuronal surface glycoprotein distributed in cortical and subcontice
C/Goment: This is a neuronal surface glycoprotein distributed in cortical and subcontice
C/Goment: Table
A/Goment: This is a neuronal surface glycoprotein distributed in cortical and subcontice
C/Goment: Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termine
C/Superfamily: carcinoembryonic antigen; carcinoembryonic antigen precursor amino-termine
C/Superfamily: Superfamily: sequence #status predicted carcinoembryonic inydrophobic
F/10/1000 folial superfamily: sequence #status site: carbohydrate (Asn) (covalent) #status predicted
F/10/1000 folial folial site: phosphate (Thr) (covalent) #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             4
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                               SNISSDITVNEGSNVTLVCMANGRPEPVITWRHLTPTGKEFEGEEFLEILGITREQSGK 194
                                                                                                                                                                 79 NDKWCLDPRVVLLSNTQTQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKI 138
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VEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDEYLEIQGITREQSGD 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    139 VEISSDISINEGNNISLTCIATGRPEPTVTWRHISPKAVGFVSEDEYLEIQGITREQSGD 198
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        254
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   limbic-system-associated membrane protein precursor - human
C;Species: Homo sapiens (man)
C;Date: 10-May-1996 #sequence_revision 16-Aug-1996 #text_change 09-Jul-2004
                                                                                                                                                                                                                                                                DKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIMLFGPGAVSE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      YECSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAVPSAEFQWYKD
                                                                                                                              YECSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAVPSAEFQWYKD
                                                                                                                                                                                                                                                                                                   DTR-INSANGLEIKSTGSQSLLMVANVTEEHYGNYTCVAANKLGVTNASLYLYRPG-TGR
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        259 DKRLIEGKKGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIMLFGPGAVSE
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55.4%; Pred. No. 3.3e-61;
iive 60; Mismatches 80
                                                                                                                                                                                                                                                                                                                                                                                                  319 VSNGTSRRAGCVWLLPLLVLHLLLK 343
                                                                                                                                                                                                                                                                                                                                                                                                                                            313 VDNGSVSLAVPLWLLAASLLCLLSK 337
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A;Introns: 701.

G;Superfamily: neural cell adhesion molecule; fibronectin type III repeat homology; immur G;Superfamily: neural cell adhesion; duplication; heparin binding; membrane I G;Keywords: alternative splicing; cell adhesion; duplication; heparin binding; membrane I;F1-19/Domain: signal sequence #status predicted <51G>
F;14-98/Domain: immunoglobulin homology <IMM1>
F;132-191/Domain: immunoglobulin homology <IMM2>
F;152-156/Region: heparin binding #status predicted
F;152-156/Region: heparin binding #status predicted
F;263-272/Region: immunoglobulin homology <IMM3>
F;263-272/Region: memunoglobulin homology <IMM4>
F;263-296/Domain: immunoglobulin homology <IMM4>
F;263-296/Domain: immunoglobulin homology <IMM4>
F;263-296/Domain: immunoglobulin homology <IMM4>
F;259-596/Domain: fibronectin type III repeat homology <FN3A>
F;559-596/Domain: fibronectin type III repeat homology <FN3B>
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           N'Alternate names: NCAM-180
N'Acontains: neural cell adhesion molecule, short domain splice form (NCAM-140)
C'Species: Mus musculus (house mouse)
C'Date: 31-Mar-1993 #sequence revision 31-Mar-1993 #text change 09-Jul-2004
C'Accession: A29673; S00844; S00384; A28281; A44280; S00383
R'Barthels, D.; Santoni, M.J.; Wille, W.; Ruppert, C.; Chaix, J.C.; Hirsch, M.R.; Fonteci
EMBO J. 6, 907-914, 1987
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A;Molecule type: mRNA
A;Rolecule type: mRNA
A;Rossidues: 1-548, Tr',550-571, Tr',573-574, Dr',576-588, WQPS',593,'S',595-599,'P',601,'L',
A;Cross-references: UNIPROT: P13595; EMBL:Y00051; NID:953342; PIDN:CAA68263.1; PID:953343
R;Santoni, M.J.; Barthells, D.; Barbas, J.A.; Hirsch, M.R.; Steinmetz, M.; Goridis, C.; WJ
Nucleic Acide Res. 15, 8871-8641, 1987
A;Title: Analysis of CDNA clones that code for the transmembrane forms of the mouse neurs
A;Reference number: S00844; WUID:88067687; PMID:3684567
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A;Molecule type: mRNA
A;Residuss: 529-809,1077-1115 <SAN>
A;Residuss: 529-809,1077-1115 <SAN>
A;Cross-references: EMBL:X06328; NID:g53322; PIDN:CAA29641.1; PID:g817984
R;Barbas, J.A.; Chaix, J.C.; Steinmetz, M.; Goridis, C.
EMBO J. 7, 625-632, 1988
A;Title: Differential splicing and alternative polyadenylation generates distinct NCAM tal
Several forms of NCAM are produced by alternative splicing. See also PIR:IJMS?
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A;Title: Isolation and nucleotide sequence of mouse NCAM cDNA that codes for a Mr 79,000 A;Reference number: A29673; MUID:87246524; PMID:3595563
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           F;41-96,139-189,235-288,330-386,427-480/Disulfide bonds: #status predicted F;222,316,348,424,450,479/Binding site: carbohydrate (Asn) (covalent) #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               96 TQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKIVEISSDISINEGNNISL 155
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ---HISPKAVGFVSEDEYLEIQGITREQSGDYE 200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            329 TCEASGDPIPSITWRTSTRNISSEEQDLDGHMVVRSHARVSS---LTLKSIQYRDAGEYM 385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAVPSAEFQWYKDDK 260
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        95
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       222 NATANLGQSVTLVCDADG-----FPEPTM----SWTKDGEPIENEEEDERSRSSVS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       386 CTASNTIGOD-SOSIDLEFOYAPKLOGPVAVYTWEGNOVNITCEVFAYPSATISWFRDGO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                neural cell adhesion molecule 1 precursor, long domain splice form - mouse
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            41; Gaps
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       261 RLIEGK-KGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIML 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 725;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44 NVTVRQGESATLRCTIDNRVTRVAWLNRSTILYAGNDKWCLDPRVV--
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     15.7%; Score 283.5; DB 1; 25.8%; Pred. No. 4.4e-13;
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Matches 75; Conservative
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                                                                                             A, Map position:
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A;Cross-references: UNIPROT:P15364; GB:M23561; NID:g156920; PIDN:AAA28367.1; PID:g156921
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A;Residues: 20-36 <ROU>
C;Comment: NCAM mediates cell-cell adhesion via homophilic binding with another NCAM mol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    A, Accession: A29673
A, Molecule type: mRNA
A, Molecule type: mRNA
A, Residues: 1-725 cBAR>
A, Cross-references: UNIPROT: P13594, EMBL: Y00051; NID: 953342; PIDN: CAA68263.1; PID: 953343
R, Barbas, J.A.; Chaix, J.C.; Steinmetz, M.; Goridis, C.
BRBO J. 7, 625-632, 1988
A; Title: Differential splicing and alternative polyadenylation generates distinct NCAM the A, Reference number: S00382; MUID: 88283628; PMID: 3396534
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A; Residues: 642-656, 'D', 658-725 < BA2>
A; Cross-references: EMBL:X07195
J. Biol. Chem. 261, 3396-3401, 1986
A; Title: Structural and immunological characterization of the amino-terminal domain A; Reference number: A44290; MUID:86140120; PMID:3512556
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Neural cell adhesion molecule 1 precursor, GPI-anchored splice form - mouse

Notation in NCAM-120

C.Species: Mus musculus (house mouse)

C.Species: Mus musculus (house mouse)

C.Bate: 31-Mar-1993 #sequence_revision 31-Mar-1993 #text_change 09-Jul-2004

C.Bate: 31-Mar-1993 #sequence_revision 31-Mar-1993 #text_change 09-Jul-2004

C.Batchels, D.; Santoni, M.J.; Wille, W.; Ruppert, C.; Chaix, J.C.; Hirsch, M.R.;

BNBO J. 6, 907-914, 1987

A;Title: Isolation and nucleotide sequence of mouse NCAM cDNA that codes for a Mr

A; Fitle: A; Reference number: A29673; MUID:87246524; PMID:3595563
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         94 TQTQ---YSIEIQNVDVYDEGPYTCSVQTDNHPK-TSRVHLIVQVSPKIVE-ISSDISIN 148
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NDVAAPVVRRVKVTVNYPPYIS-EAKGTGVPVGQKGTLQCEASAVPSAEFQWYKDDKRLI 263
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            212 NGEGQPDKRLIRVEVEVEFRPQIAVQRPKIAQMYSHSAELECSVQGYPAPTVVWHKNGVPL- 270
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              311
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 333;
                              amalgam protein precursor - fruit fly (Drosophila melanogaster)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ; Pred. No. 1.5e-14;
43; Mismatches 136; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16.5%; Score 297.5; 29.7%; Pred. No. 1.5
                                                                                                                                                                                                                                                                                                                                                                                                          C;Genetics:
A;Gene: FlyBase:Ama
A;Cross-references: FlyBase:FBgn000071
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      87; Conservative
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neural cell adhesion molecule 1 - African clawed frog
N'Alternate names: N-CAM 1
N'Alternate names: N-CAM 1
N'Alternate names: N-CAM 1
N'Alternate names: N-CAM 1
C'Species: Xenopus laevie (African clawed frog)
C'Date: 19-May-1998 #sequence_revision 29-May-1998 #text_change 09-Jul-2004
C'Accession: JE0099
E'Accession: JE0099
E'A Tatale: Molecular Commun. 245, 127-132, 1998
A'Title: Molecular Choning of sad-form neural cell adhesion molecules (N-CAMS) as the ma
                                                                                                                                                                                                                                                                                                                                                                                                                              A; Molecule type: mRNA

A; Mesidues: 1-725 < KUD.

A; Estadues: 1-725 < KUD.

A; Experimental source: heart

C; Comment: This protein mediates and regulates various cell-cell interactions through bo-

C; Superfamily: neural cell adhesion molecule; fibronectin type III repeat homology; immun

F; 413-475, Domain: immunoglobulin homology < IIM.

F; 512-589, Domain: fibronectin type III repeat homology < 3FR>
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NyAlternate names: NCAM-180
NyContains: neural cell adhesion molecule, short domain form (NCAM-140)
Cycontains: neural cell adhesion molecule, short domain form (NCAM-140)
Cybate: 31-Mar-1993 #sequence revision 31-Mar-1993 #text_change 09-Jul-2004
CyAccession: A43613; B43613; A25435; B25435; A46550; S36550; A44369; A60852; S29668
RyCuningham, B.A.; Hemperly, J.J.; Murray, B.A.; Prediger, E.A.; Brackenbury, R.; Edelman, P.A.; Typ-806, 1987
A;Title: Neural cell adhesion molecule: structure, immunoglobulin-like domains, cell surfakeference number: A43613; MUID:87206190; PMID:3576199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                A; Molecule type: mRNA
A; Residues: 1-175 <CU2>
A; Cross-references: UNIPROT:P13590; GB:M15860
A; Accession: B43613
A; Molecule type: protein
A; Residues: 20-44;120-127;202-221;320-342;399-415;640-659;822-828 <CUN>
A; Note: 222 probably binds carbohydrate; Brobably does not
A; Note: Natl. Acad. Sci. U.S.A. 83, 3037-3041, 1986
A; Fitle: Sequence of a cDNA clone encoding the polygialic acid-rich and cytoplasmic doma:
A; Reference number: A25435; MUID:86206089; PMID:3458261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            219 NATAKWAESVVLSCDADGFPDPEISWLKKGEPIEDGEEK------ISFNEDQSEMTI 269
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        103 QNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKIVEISSDISINEGNNISLTCIATGR 162
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           163 PEPTVTW----RHISPKAV---GFVSEDEYLEIQGITRE-----QSGDYECSASNDVAAP 210
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               329 PIPSITWRTAVRNISSEATTLDGHIVVKEHIRMSALTLKDIQYTDAGEYFCIASNPIGVD 388
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            44 NVTVRQGESATLRCTIDN-RVTRVAWLNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEI 102
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           211 VVRRVKVTVNYPPYISEAKGTGVPV-----GQKGTLQCEASAVPSAEFQWYKDDKRLIE 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               389 -MOAMYFEVOYAPKI---RG---PVVVYTWEGNPVNITCEVFAHPRAAVTWFRDGOLLPS 441
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 37;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               265 GK-KGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIML 310
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 15.5%; Score 279.5; DB 2; 27.9%; Pred. No. 8.7e-13; ative 50; Mismatches 120;
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Best Local Similarity 27.9%;
Matches 80; Conservative
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A;Residues: 128-1091 <HEM>
A;Cross-references: GB:M13210
                                                                                                                                                                                                                                                                                                                                                                                                          A; Accession: JE0099
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A; Introns: 643/3; 701/1; 770/2; 809/2; 1076/2
A; Introns: 643/3; 701/1; 770/2; 809/2; 1076/2
A; Introns: 643/3; 701/1; 770/2; 809/2; 1076/2
C; Superfamily: neural cell adhesion molecule, fibronectin type III repeat homology; immu C; Keywords: alternative splicing; brain; cell adhesion; duplication; heparin binding; si F;1-19/Domain: signal sequence #status predicted <incell-solution in signal sequence #status predicted <incell-solution in sexperi F;20-809, 1077-1115/Product: neural cell adhesion molecule, long domain splice form #status F;20-711/Domain: extracellular #status predicted <incell-solution homology <incell-solution immunoglobulin homology <incell-solut
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A;Molecule type: protein
A;Residues: 20-36 <ROU>
C;Comment: NCAM mediates cell-cell adhesion via homophilic binding with another NCAM mol
C;Comment: Several forms of NCAM are produced by alternative splicing. See also PIR:IJMS
C;Genetics:
                                                                                                                                                                                                                                                                               adhesion molecule of the mouse,
                                                                                                                                                                                                                                                                                                                                                                                  269 DSSEVTIRNVDKNDEAEYVCIAENKAGEQDASIHLKVFAKPKITYVENQTAMELEEGVTL 328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TQYSIEIQNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKIVEISSDISINEGNNISL 155
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A;Reference number: S00382; MUID:88283628; PMID:3396534
A;Accession: S00384
A;Molecule type: DNA
A;Molecule type: DNA
A;Residues: 642-1115 < kBAR>
A;Cross-references: EMBL:X07195
R;Barthels, D.; Vopper, G.; Wille, W.
Nucleic, Acids Res. 16, 4277-4225, 1988
A;Tile: NCAM-180, the large isoform of the neural cell
A;Reference number: A28281; MUID:88247737; PMID:2454455
A;Accession: A28281
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Best Local Similarity 25.8°
Matches 75; Conservative
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Riyajima, H.; Ohtsuka, H.; Kawamura, Y.; Kume, H.; Murayama, T.; Abe, H.; Kimura, S.; Marabochem. Biophys. Res. Commun. 223, 160-164, 1996
A;Title: A 115-kb 5'-terminal cDNA sequence of chicken breast muscle connectin/titin rev. A;Reference number: Z22221; MUID:96254045; PMID:8660363
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           N.Alternate names: NCAM-140
(Species: Nature norvegicus (Norway rat)
C.Species: Nature norvegicus (Norway rat)
C.Species: Nature norvegicus (Norway rat)
C.Date: 30-Sep-1991 #sequence revision 30-Sep-1991 #text_change 09-Jul-2004
C.Accession: S00846; B37795; IS8136
R.Small, S.J.; Shull, G.E.; Santoni, M.J.; Akeson, R.
J. Calli, S.J.; Shull, G.E.; Santoni, M.J.; Akeson, R.
A.Title: Identification of a cDNA contains the complete coding sequence for a A, Reference number: S00846; MUID:88059265; PMID:3680385
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              A;Residues: 1-4162 <YAJ>
A;Cross-references: UNIPROT:Q98918; EMBL:D83390; NID:g1513029; PIDN:BAA11908.1; PID:g151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   3747 SFVKKPEPFNVLSGENITFTSIVKGSPPLEVKWFRGSIELAPGHK-------CNIT 3795
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     3796 LODSVAELELFDVQPLQSGDYTCQVSNEAGKISCTTHLFVKEPAKFVMKVNDLSVEKGKN 3855
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                                                                                                                                                                                                                                                                                           376 QYIDAGEYVCTASNIIGQD-SQAMYLEVQYAPKLQGPVAVYTWEGNQVNITCEVFAYPSA 434
                                                                                                                                                                                                                                                                                                                                                                                                 252 EFQWYKDDKRLIEGK-KGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIML 310
                                                                                                                                                                                                                                                                                                                                                                                                                                             256 QEDNEEKYSFNYDGSELIIKKVDKSDEAEYICIAENKAGEQDATIHLKVFAKPKITYVEN 315
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                connectin/titin - chicken (fragment)
C;Species: Gallus gallus (chicken)
C;Date: 11-Jan-2000 #sequence_revision 11-Jan-2000 #text_change 09-Jul-2004
                                                                                                                                         37 TFPKAMDNVTVRQGESATLRCTI-DNRVTRVAWLNRSTILYAGNDKWCLDPRVVLLSNTQ
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                                                                                         144 DISINEGNNISLTCIATGRPEPTVTW----RHISPKAV---GFVSEDEYLEIQGITREQ-
                                                                                                                                                                                                                                               ----SGDYECSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAVPSA
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 A;Status: preliminary; translated from GB/EMBL/DDBJ
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A;Residues: 1-858 <SMA>
A;Cross-references: UNIPROT:P13596; EMBL:X06564
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Les 78; Conserva
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A, Molecule tryee: protein
A, Residues: 20-29 < COLD.
B, Residues: 20-29 < COLD.
A, Residues: 20-29 < COLD.
B, Rao, Y.; Mu, X.F.; Gariepy, J.; Rutishauser, U.; Siu, C.H.
J. Cell Biol. 118, 937-949, 1992
A, Title: Identification of a peptide sequence involved in homophilic binding in the neur
A, Reference number: A43280; WIID:9243694; PMID:1380002
C, Comment: NCAM mediates cell-cell adhesion via homophilic binding with another NCAM mol
C, Comment: NCAM mediates cell-cell adhesion via homophilic binding with another NCAM mol
C, Comment: NCAM mediates cell-cell adhesion molecule; fibronectin trye III repeat homology; immu
C; Superfamily: neutral cell adhesion molecule, long domain form #status experimental
F; 10-19/Domain: signal sequence #status predicted <SIG>
F; 20-109/IProduct: neural cell adhesion molecule, short domain form #status experimental
F; 20-809,1071-1091/Product: neural cell adhesion molecule, short domain form #status experimental
F; 20-809,1071-1091/Product: neural cell adhesion molecule, short domain form #status experimental
F; 20-809,1071-1091/Product: neural cell adhesion wolecule, short domain form #status F; 115-15/Region: heparin binding #status predicted
F; 20-29/Domain: immunoglobulin homology <IRMI>F; 20-29/Domain: itranementane #status predicted <IRMI
F; 20-109/Domain: intracellular #status predicted <
A;Accession: B25435

A;Molecule type: protein

A;Molecule type: protein

A;Residues: 128-140;222-240;428-439;611-631;744-760;763-781;1080-1084 <HE2>

R;Murray, B.A.; Owens, G.C.; Prediger, E.A.; Crossin, K.L.; Cunningham, B.A.; Edelman, G

A; Call Biol. 103, 1431-1439, 1986

A;Title: Call surface modulation of the neural cell adhesion molecule resulting from alt

A;Reference number: A46550; MUID:87033934; PMID:3771645
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         R;Cole, G.J.; Loewy, A.; Cross, N.V.; Akeson, R.; Glaser, L.
J. Cell Biol. 103, 1739-1744, 1986
J-Yitle: Topographic localization of the heparin-binding domain of the neural cell adhes A;Reference number: A60852; MUID:87057627; PMID:2430978
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A.Residues: 1-17 <SAS>
A.Residues: 1-17 <SAS>
A.Residues: 1-17 <SAS>
A.Croser-references: BMBL:X70342; NID:g417631; PIDN:CAA49807.1; PID:g417632
B.CONell, G.; Li, B.; Forrest, D.; Brackenbury, R.
Genomics 14, 875-882, 1992
A.Title: Conserved regulatory elements in the promoter region of the N-CAM gene.
A.Reference number: A44369; MUID:93122797; PMID:1478668
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A;Experimental source: White Leghorn
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R;Sasner, M.; Covault, J.
submitted to the EMBL Data Library, February 1993
A;Reference number: S36950
A;Accession: S36950
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les 78; Conservative
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A;Residues: 810-1070 <MUR>
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A; Residues: 1-17 < COF>
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Rikrieg, P.A.; Sakaguchi, D.S.; Kintner, C.R.
Nucleic Acids Res. 17, 10321-10335, 1989
Nucleic Primary structure and developmental expression of a large cytoplasmic domain fo A;Reference number: S09600; WUID:90098871; PMID:2481269
A;Accession: S09600
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              C;Superfamily: neural cell adhesion molecule; fibronectin type III repeat homology; immu:
C;Superfamily: neural cell adhesion molecule; duplication; heparin binding; si;
F;1-19/Domain: signal sequence #status predicted <SIG>
F;1-19/Domain: signal sequence #status predicted <SIG>
F;20-803,1050-1088/Product: neural cell adhesion molecule, long domain form #status predicted <LD
F;20-803,1050-1088/Product: neural cell adhesion molecule, short domain form #status predicted <ED
F;20-803,1050-1088/Product: neural cell adhesion molecule, short domain form #status predicted <F;20-705/Domain: immunoglobulin homology <IMM1>
F;34-95/Domain: immunoglobulin homology <IMM2>
F;3158-162/FRegion: heparin binding #status predicted
F;225-284/Domain: immunoglobulin homology <IMM4>
F;317-381/Domain: immunoglobulin homology <IMM4>
F;317-381/Domain: immunoglobulin homology <IMM4>
F;512-589/Domain: fibronectin type III repeat homology <FN3B>
F;618-679/Domain: transmembrane #status predicted <IMM>
F;74-1088/Domain: intracellular #status predicted <INT>
F;219,310,341,417,443,472/Binding site: carbohydrate (Asn) (covalent) #status predicted
                                                                                                                                                                                                                A,Molecule type: mRNA

*Residues: 1-1088 «KRI»

*A;Residues: 1-1088 «KRI»

*A;Cross-references: UNIPROT:P16170; EMBL:M25696; NID:g214609; PIDN:AAA49909.1; PID:g2146

A;Note: the authors translated the codon AAA for residue 970 as Leu

A;Note: the authors translated the codon AAA for residue 970 as Leu

C;Comment: NCAM mediates cell-cell adhesion via homophilic binding with another NCAM mol

C;Comment: Several forms of NCAM are produced by alternative splicing.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        44 NVTVRQGESATLRCTIDN-RVTRVAWLNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       219 NATANMAESVVLSCDADGFPDPEISWLKKGEPIEDGEEK-----ISFNEDQSEMTI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               103 QNVDVYDEGPYTCSVQTDNHPKTSRVHLIVQVSPKIVEISSDISINEGNNISLTCIATGR
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity 27.9% tes 80; Conservative
   C; Accession: S09600
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A;Cross-references: GB:M32611; NID:g205643; PIDN:AAA41679.1; PID:g205644 C;Comment: NCAM mediates cell-cell adhesion via homophilic binding with another NCAM mol C;Comment: Various forms of NCAM are produced by alternative splicing.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               C; Superfamily: neural cell adhesion molecule; fibronectin type III repeat homology; immu C; Keywords: alternative splicing; brain; cell adhesion; duplication; heparin binding; si F;1-19/Domain: signal sequence #status predicted <SIG>F;20-78/Product: neural cell adhesion molecule, short domain form #status predicted <MP F;20-721/Domain: extracellular #status predicted <EXT>F;34-98/Domain: immunoglobulin homology <IMMI>
                                                                                                                                                                                                                                           A.Residues: 340-381 <SM2>
R.Small, S.J.; Haines, S.L.; Akeson, R.A.
A.Title: Polypeptide variation in an N-CAM extracellular immunoglobulin-like fold is dev
A.Reference number: 158136; MUID:90166485; PMID:2483093
A.Accession: 158136
A.Status: preliminary; translated from GB/EMBL/DDBJ
                              F;41-96,139-189,235-288,330-396,437-490/Disulfide bonds: #status predicted
F;222,316,348,434,460,489/Binding site: carbohydrate (Asn) (covalent) #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 335
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ----HISPKAVGFVSEDEYLEIQGITREQSG 197
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DYECSASNDVAAPVVRRVKVTVNYPPYISEAKGTGVPVGQKGTLQCEASAVPSAEFQWYK 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               44 NVTVRQGESATLRCTIDN-RVTRVAMLNRSTILYAGNDKWCLDPRVVLLSNTQTQYSIEI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        F;132-191/Domain: immunoglobulin homology rIMQ2>
F;152-156/Region: heparin binding #steatus predicted
F;161-165/Region: heparin binding #steatus predicted
F;228-290/Domain: immunoglobulin homology rIMM3>
F;263-272/Region: NCAM binding #steatus predicted
F;328-391/Domain: immunoglobulin homology rIMM4>
F;328-391/Domain: immunoglobulin homology rIMM4>
R;Small, S.J.; Akeson, R.
J. Cell Biol. 111, 2089-2096, 1990
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Matches 75; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             A; Molecule type: DNA A; Residues: 355-364 <RES>
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37; Gaps

Indels

15.4%; Score 277.5; DB 1; 27.9%; Pred. No. 2.1e-12; tive 49; Mismatches 121;

Length 1088;

269 162

102

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210
                                     :: : | | | | : | : | | | 389 -MQAMYFEVQYAPKI ---RG---PVVVTWEGNPVNITCEVFAHPRAAVTWFRDGQLLPS 441
                                                                                                                                  211 VVRRVKVTVNYPPYISEAKGTGVPV-----GQKGTLQCEASAVPSAEFQWYKDDKRLIE 264
PEPTVTW----RHISPKAV---GFVSEDEYLEIQGITRE-----QSGDYECSASNDVAAP
                                                                                                                                                                                                                                                                                                                                                   SNFSNIKIYSGPTSSSLEVNPDSENDFGNYNCTAINTIGHEFSEFIL 488
                                                                                                                                                                                                                                                                                265 GK-KGVKVENRPFLSKLIFFNVSEHDYGNYTCVASNKLGHTNASIML
                                                                                                                                                                                                                                                                                                                                                                                                                                                               completed: October 19, 2005, 16:28:54
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neural cell adhesion molecule long domain form precursor - African clawed fin N;Alternate names: NCM-180 N;Contains: neural cell adhesion molecule, short domain form (NCAM-140) C;Species: Xenopus laevis (African clawed frog) C;Date: 31-Mar-1993 #sequence_revision 31-Mar-1993 #text_change 09-Jul-2004

RESULT 15 IJXI'NI

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BAKER K P.
FERRARA N.
GERBER H.
GERRITSEN M E.
                                                                                                                                                                                                                                                                                 GODDARD A.
GODOWSKI P J.
GURNEY A L.
HILLAN K J.
MARSTERS S A.
                                                                                                                                                                                                 GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                     STEPHAN J F.
WATANABE C K.
WILLIAMS P M.
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(BAKE/)
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OM protein - proxain search, using sw model
Run on: (October 19, 2005, 16:27:52 ; Search time 168 Seconds (without alignments)
791.938 Million cell updates/sec
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SUMMARIES

Description
                                                                                                                            MKTIQPKMHNSISWAIFTGL........RRAGCVWLLPLLVLHLLLKF 344
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 1806; DB 3; Length 344; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                 2105692
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAB31204 standard; protein; 344 AA.
Amino acid sequence of human polypeptide PRO337
21-DEC-2000.
                                                                                                                                                        Searched: 2105692 segs, 386760381 residues 210561 segs, 386760381 residues Animum DB seg length: 0 2000000000 Maximum DB seg length: 2000000000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAB44329 standard; protein; 344 AA.
Human PRO337 protein sequence SEQ ID NO:523.
WO200053756-A2.
                                                                                                                                                                                                                                                                                   summaries
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Human protein SEQ ID NO:1.
WO9958668-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAU12359 standard; protein; 344 AA.
Human PRO337 polypeptide sequence.
WO200140466-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAU83654 standard; protein; 344 AA.
Human PRO protein, Seq ID No 126.
WO200208288-A2.
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Maximum Match 100%
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A Geneseq_16Dec04:*
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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Perfect score:
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                                                                                                                                                                        ABB95450 standard, protein, 344 AA.
Human angiogenesis related protein PRO337 SEQ ID NO: 56.
WO200208284-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABO25175 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US200340014-A1.
27-FBB-2003.
(GETH) GENENTECH INC.
100.0%; Score 1806; DB 6; Lengery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABO17803 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003032156-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Lard Annual Secreted and transmembrane protein PRO337.
Novel human secreted and transmembrane protein PRO337.
US2003050239-A1.
13-MAR-2003.
(GETH) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABO33767 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003045687-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DE ABU80801 standard; protein; 344 AA.

DE Human PRO polypeptide #63.

PN US2000305635-A1.

PA (GETH ) GENENTECH INC.

QUETY MAtch

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 9
                                                                                                         Score 1806; DB 5;
Pred, No. 4.3e-147;
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PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 6;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 13
DE Human PRO337 protein sequence SEQ ID NO:56. PN WO20020690-A2. PD 03-JAN-2002. PA (GETH ) GENENTECH INC. 100.0%; Score 1806; Best Local Similarity 100.0%; Pred. No. 4.33 RESULT 7
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABUB1057 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003004311-A1.
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RESULT 11
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ABU82110 standard;
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                                                                                                                                                                     Query Match
) 02-JAN-2003.

1 (GETH ) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 6; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                   Length 344;
                                                                                                                                                                                                                                                                                                                                100.0%; Score 1806; DB 6; Length 344; 100.0%; Pred. No. 4.3e-147;
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Local Similarity 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABU72061 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2002177165-A1.
28-NOV-2002.
(GETH ) GENENTECH INC.
                                                                           אסיבור standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2002192706-Al.
                                                                                                                                                                                                                                                                                                                                                                                              Novel human secreted and transmembrane protein PRO337. US200303263-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABU67162 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003032062-A1.
13-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABU84961 standard; protein; 344 AA.
Human secreted and transmembrane PRO polypeptide #37.
US2002177553-A1.
                                                                                                                                                                     Query Match 100.0%; Score 1806; DB 6; Beet Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 100.0%; Score 1806; DB 6; Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 1806; DB 6; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 100.0%; Score 1806; DB 6; Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABUS9838 standard; protein; 344 AA.
Novel secreted and transmembrane protein PRO337
US2003017563-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABO25028 standard; protein; 344 AA.
Human secreted/transmembrane protein (PRO) #188.
US2003036179-A1.
                                                                                                                                                                                                                                    ABU66757 standard, protein, 344 AA.
Human PRO polypeptide #188.
US2003036180-A1.
                                                                                                                                                                                                                                                                                                                                                                                   ABU67293 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABU61159 standard; protein; 344 AA
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US2002169284-A1.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                                                                                                                                           Best Local Similarity RESULT 16
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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RESULT 17
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RESULT 21
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RESULT 19
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Length 344;
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PA (GETH ) GENENTECH INC.

Query Match

Govery Match

Best Local Similarity 100.0%; Score 1806; DB 6; Lengt RESULT 26

ID ABUT9804 standard; protein; 344 AA.

DE Human secreted/fransmembrane protein PR0337.

PD 13-FEB-2003.

PD 14-FEB-2003.

PD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ABU67033 standard; protein; 344 AA.
Human secreted/transmembrane, PRO, protein SEQ ID 376.
US2003032155-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Novel human secreted and transmembrane protein PRO337 US2003088063-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADA45895 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003022328-A1.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 6;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 23
                                                                                                                                                                       ABUB0428 standard; protein; 344 AA.
Human secreted/transmembrane protein PRO337.
US2003004102-A1.
US-JAN-2003.
(GETH) GENENTECH INC.
ery Match
st_Local Similarity 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        PD 30-JAN-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 6;
Query Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 28
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Human PRO polypeptide #188.
1022003073212-Al.
17-APR-2003.
(GETH) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         protein; 344 AA.
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13-MAR-2003.
(GFH ) GENENTECH INC. 100.0%; Score
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADA18976 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003054517-A1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US200302...
20-MAR-2003.
(GETH ) GENENTECH INC.
100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Homo sapiens.
US2003049816-A1.
13-MAR-2003.
(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
RESULT 25
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Best Local Similarity
RESULT 31
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Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 41
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            100.0%; Score 1806; DB 6; Length 344; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 344;
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E Human PRO polypeptide #188.
M US2003082705-A1.
D 01-MAY-2003.
A (GETH ) GENENTECH INC.
A (GETH ) GENENTECH INC.
D 100.0%; Score 1806; DB 6; Length 344;
                                                                                                                                                                               Length 344;
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                                               Novel human scratdard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337.

10-APR-2003.

(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                      ADA86404 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003082711-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADA85852 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003082693-A1.
                                                                                                                                                                                                                                                                                                                                              Score 1806; DB 6;
Pred. No. 4.3e-147;
                                                                                                                                                                           100.0%; Score 1806; DB 6; 100.0%; Pred. No. 4.3e-147;
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100.0%; Pred. No. 4.3e-147;
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Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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US2003087350-A1.
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US2003068795-A1.
                                                                                                                                                                                                                                       ADB27925 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003082704-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADA47754 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003073215-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADB30556 standard; protein; 344 AA. Human PRO polypeptide #188. US2003068794-Al.
                                                                                                                                                                                                                                                                                                                                            100.0%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                 01-MAY-2003.
(GETH ) GENENTECH INC
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                           Best Local Similarity RESULT 32
                                                                                                                                                                                              Local Similarity
               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                     RESULT 34
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Length 344;
                                                                          Length 344;
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                                                                                                                   ADA87507 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003087345-A1.
                                                                                                                                                                                                                                                                                                                                                               ADA91801 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003082694-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AUNAZOUE Standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
                                                                                                                                                                                                                                         ADB16709 standard; protein; 344 AA.

Human PRO polypeptide #188.
US2003087349-A1.
08-MAY-2003.
(GETH) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Jery Match 100.0%; Score 1806; DB 6; lery Match 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 1806; DB 6;
Pred. No. 4.3e-147;
                                                                          Score 1806; DB 6;
Pred. No. 4.3e-147;
                                                                                                                                                                                                  Score 1806; DB 6;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADA47276 standard; protein; 344 AA.
Human secreted/transmembrane polypeptide PRO337.
US2003044844-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Human PRO polypeptide #188.
ADA79368 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003082763-A1.
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14-app.
                          US2003ucz..
01-MAY-2003.
(GETH ) GENENTECH INC.
"...r.ch 100.0%; S'
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08-MAY-2003.
(GETH ) GENENTECH INC.
Watch 100.0%; SC
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01-MAY-2003.
(GETH ) GENENTECH INC.
100.0%;
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Best Local Similarity 100.0%;
RESULT 49
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PD 06-MAR-2003.
PA (GETH ) GENENTECH INC.
QUERY MARCh 100.0%;
Best Local Similarity 100.0%;
RESULT 48
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17-APR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
                                                                                     Best Local Similarity RESULT 42
                                                                                                                                                                                                         Best Local Similarity RESULT 43
                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
RESULT 44
                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
RESULT 45
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
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SULT 47
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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query Match 100.0%; Score 1806; DB 6; Length 344; Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 58
                                                                                                   Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 344;
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                                                                                                                                                                                                                                     Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 344;
RESULT 50
DD ADB19916 standard; protein; 344 AA.
DE Novel human secreted and transmembrane protein PRO337.
PN US2003082691-A1.
                                                                                                                                                                                                                                                                                  ABO43336 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003044945-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                   ABO19730 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003050240-A1.
                                                                                                                                                                                                                           Score 1806; DB 6;
Pred. No. 4.3e-147;
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13-MAR-2003.

(GETH ) GENENTECH INC.

100.0%; Score 1806; DB 6;

100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                      Query Match 100.0%; Score 1806; DB 6; Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 51
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%; Score 1806; DB 6; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADA12723 standard; protein; 344 AA.
Human secreted/transmembrane polypeptide PRO337.
US2003055216-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADB24735 standard; protein; 344 AA. Human PRO polypeptide SEQ ID NO 376 US2003077713-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADA74502 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003068798-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human PRO polypeptide #188.
US2003013216-A1.
                                                                                                                                                ADB13248 standard; protein; 344 AA. Human PRO polypeptide #188. US2003082710-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADA82259 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003082701-A1.
                                                                                                                                                                                                                                                                                                                                                                  Query Match 100.0%;
Best Local Similarity 100.0%;
RESULT 53
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity 100.0%;
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                 06-MAR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                  01-MAY-2003.
(GETH ) GENENTECH INC.
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PA (GETH ) GENENTECH INC.

Query Match

Best Local Similarity 1

RESULT 56
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1 (GETH ) GENENTECH INC.
Query Match 1
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(GETH ) GENENTECH INC.
                                                                01-MAY-2003.
(GETH ) GENENTECH INC
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(GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 54
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Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 344;
ADA85300 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003082655-A1.
01-MAY-2003.
(GETH) GENENTECH INC.
100.0%; Score 1806; DB 6; Lengsty Match
5t Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                    ADA84748 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003082708-A1.
                                                                                                                                                                                                                                                                                                                                                                                          ID ADA80532 standard; protein; 344 AA.

DE Human PRO polypeptide #188.

PN US2003082761-A1.

PD 01-MAY-2003.

PA (GETH ) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 63
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PD 15-MAY-2003.
PA (CETH ) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 6;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 68
                                                                                                                                                                                                                                                                                                      PD 17-APR-2003.
PA (GETH) GENENTECH INC.
QUETY MATCh 100.0%; Score 1806; DB 6;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 62
                                                                                                                                                                                                                    Score 1806; DB 6;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADB25295 standard; protein; 344 AA.
Human PRO polypeptide SEQ ID NO 376.
US2003077715-A1.
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US2003077721-Al.
                                                                                                                                                                                                                                                                   ADB30004 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003073214-A1.
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US2003082703-Al.
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US2003092147-A1.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   7774.2.
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| GENENTECH INC.
100.0%; S
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24-APR-2003.
(GETH ) GENENTECH INC.
100.0%;
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(GETH ) GENENTECH INC.
100.0%;
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Best Local Similarity 100.0%;
RESULT 61
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PA (GETH ) GENENTECH INC.

QUETY MATCh

BAST LOCAl Similarity 100.0%;

RESULT 64
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Best Local Similarity
RESULT 67
                                                                                               Best Local Similarity RESULT 60
                                                                                                                                                                                     01-MAY-2003
(GETH ) GEN
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(GETH ) GEN
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                                                                                     Query Match
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Length 344;

Length 344;

Length 344;

Length 344;

Length 344;

us-09-978-544a-523.rag.spdi

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ABO19621 standard; protein; 344 AA.
Novel human secreted and transmembrane polypeptide #89
US2003049633-A1.
13-MAR-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADA86956 standard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337.
US2003082709-A1.
01-MAY-2003.
(GETH ) GENEWIECH INC.
ery Match
100.0%; Score 1806; DB 7; Leng
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADA88059 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003082700-A1.
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US2003054516-Al.
                                                                                                                                                                                                                                                                                                                                       Score 1806; DB 7;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                        Score 1806; DB 6;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                       Score 1806; DB 6;
Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                            ADA77533 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003068797-A1.
                                                                                                                                                                                                                                                                                                                                                                                    Human PRO polypeptide #188.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADA76981 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003059909-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADB28477 standard; protein; 344 AA
Human PRO polypeptide #188.
US2003082699-A1.
                                                                                                                                                                                                                                                                               US2003000.
10-APR-2003.
(GETH ) GENENTECH INC.
100.0%;
   S200347-
J6-MRA-2003.
(GETH ) GENENTECH INC.
100.0%;
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(GETH ) GENENTECH INC.
100.0%;
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PA (GETH ) GENENTECH INC.
Query Match 100.0%;
Best Local Similarity 100.0%;
RESULT 83
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PD 20-MAR-2003.

PA (GETH) GENENTECH INC.

Query Match 100.0%;

Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 100.0%;
RESULT 85
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(GETH ) GENENTECH INC.
                                                                                                                                                                                       Query Match
Best Local Similarity
RESULT 79
                                                      Query Match
Best Local Similarity
RESULT 78
                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
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Best Local Similarity
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 US2003044934-A1.
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                       06-MAR-2003
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                                                                        Query Match 100.0%; Score 1806; DB 6; Length 344; Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 69
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 1806; DB 6; Length 344; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADB21754 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003082765-A1.
                                                                                                                                                                                                                      Ouery Match 100.0%; Score 1806; DB 6; Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 1806; DB 6; 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 72
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 1806; DB 6;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABO34313 standard; protein; 344 AA.
Human secreted/transmembrane polypeptide PRO 337.
                                                                                                                                                                                                                                                                                                                                                                                                                                 ADB24183 standard; protein; 344 AA. Human PRO polypeptide SEQ ID NO 376 US2003077714-A1.
                                                                                                                            ABJ72418 standard; protein; 344 AA. Human PRO337 protein. US2003027988-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADA96512 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003082690-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADA81084 standard; protein; 344 AA. Human PRO polypeptide #188. US2003082702-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADA95960 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003082759-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADB26269 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003082760-A1.
                                                                                                                                                                                                                                                                               ADA61036 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          100.0%;
                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 100.0%;
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Human PRO polypeptide #188.
US2003096386-A1.
                                                                                                                                                                                 06-FEB-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                       13-MAR-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                   22-MAY-2003.
(GETH ) GENENTECH INC
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC
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(GETH ) GENENTECH INC
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(GETH ) GENENTECH INC
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                  Homo sapiens.
US2003049817-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
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Length 344;

Length 344;

Length 344;

Query Match

RESULT 75

RESULT 76

Length 344;

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RESULT 96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABJ72120 standard; protein; 344 AA.
Human membrane bound receptor/protein PRO337 amino acid seguence.
US2003065147-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 1806; DB 7; Length 344; 100.0%; Pred. No. 4.3e-147;
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                       Length 344;
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                                                                     ADA88611 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003073213-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Novel human secreted and transmembrane protein PRO337. US2003087344-A1.
                   100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
                                                                                                           PD 17-APR-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 88
                                                                                                                                                                                                                                                                                                                 100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABO19862 standard; protein; 344 AA.
Human secreted/transmembrane protein PRO337.
US2003044902-A1.
06-MAR-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADB23631 standard; protein; 344 AA. Human PRO polypeptide SEQ ID NO 376. US2003077712-A1.
                                                                                                                                                                                                                   ADA97616 standard, protein, 344 AA.
Human PRO polypeptide #188.
US2003082686-A1.
                                                                                                                                                                                                                                                                                                                                                                   ADB27373 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003022239-A1.
30-JAN-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADA66997 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003068793-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADB22858 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003077711-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      24-APR-2003. (GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                   Query Match
Best Local Similarity
RESULT 87
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RESULT 95
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Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ID ADB83616 standard; protein; 344 AA.

DE Novel human secreted and transmembrane protein PRO337.

DE 17-APR-2003.

PA (GETH) GENENTECH INC.

QUETY MATCh

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 99
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Query (GETH ) GENENTECH INC.

Query Match

Best Match

Best Match

100.0%; Score 1806; DB 7; Leng

Best Match

RESULT 101

ID ADBBST868 standard; protein; 344 AA.

DE Novel human secreted and transmembrane protein PRO337.

PN US2003082766-A1.
ADA92353 standard; protein; 344 AA. Novel human secreted and transmembrane protein PRO337. US2003082712-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Aub/3263 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US200309688-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADB80722 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003088068-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADB78345 standard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337
US2003092889-A1.
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Novel human secreted and transmembrane protein PRO337
US2003087347-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 104
ID ADB6588 standard; protein; 344 AA.
DE Novel human secreted and transmembrane protein PRO337
PN US2003082689-A1.
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(GETH ) GENENTECH INC.

(GETH ) GENENTECH INC.

(ery Match 100.0%; Score 1806; DB 7;

ery Match 100.0%; Pred. No. 4.3e-147;
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A (GETH) GENENTECH INC.

QUETY MATCh

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                               Score 1806; DB 7;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                          ADB15416 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003087352-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%;
100.0%;
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15-MAZ-2003.
(GETH ) GENENTECH INC.
MATCh ... MA
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PA (GETH ) GENENTECH INC.
Query Match 100.0%;
Best Local Similarity 100.0%;
                                                                                                                               PA (GETH) GENENTECH INC.

Query Match
Best Local Similarity 100.0%;
RESULT 97
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PD 08-MAY-2003.

PA (GETH ) GENENTECH INC.

QUETY MATCh

Best Local Similarity 100.0%;

RESULT 100
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(GETH ) GENENTECH INC.
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RESULT 102
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Best Local Similarity
RESULT 105
                                                                                                                   D 01-MAY-2003.
A (GETH ) GENE
Query Match
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Novel human secreted and transmembrane protein PRO337,
                  US2003069397-A1
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                                                    | T-APR-2003.
| (GETH ) GENENTECH INC.
| SEATH | JENENTECH INC.
| STATE | Similarity | 100.0%; | Score 1806; | DB 7; | Length 344;
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                                                                                                                                                                                                                                                               Length 344;
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(GETH ) GENENTECH INC.
ary Match 100.0%; Score 1806; DB 7; Length 344;
st Local Similarity 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADB39501 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
01-MAY-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADB78099 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003092886-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADB47124 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003082687-A1.
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PA (GETH ) GENENTECH INC.

QUECTY MATCh 100.0%; Score 1806; DB 7;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 107
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                               Human PRO polypeptide #188.
US2003082698-A1.
ADB84993 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003073817-Al.
                                                                                                                                                                                                                                                                                                               ADB90400 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003082762-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADB74029 standard, protein, 344 AA.
Human PRO polypeptide #89.
US2003045462-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADB87165 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003088067-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADB84747 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003092890-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADB83862 standard; protein; 344 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        15-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                              01-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (GETH ) GENENTECH INC
                                                                                               Query Match
Best Local Similarity
RESULT 106
                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 108
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RESULT 109
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RESULT 111
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RESULT 113
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RESULT 110
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ID ADBA493 standard; protein; 344 AA.

DE Human PRO polypeptide SEQ ID NO 376.

PN US2003077717-A1.

PD 24-APR-2003.

PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 7; Length 344;

RESULT 120
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PD 24-APR-2003.

PA (GETH ) GENENTECH INC.

Query Match

100.0%; Score 1806; DB 7; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 122
                    Length 344;
                                                                                                                                                                                                                                                                                                              Length 344;
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                                                                                                                                                                 Length 344;
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                                                                                                                                                                                                   Novel human secreted and transmembrane protein PRO337.
US20030929887-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADB77336 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003082696-A1.
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Q4-APR-2003.
(GETH) GENENTECH INC.
(GETY MAtch 100.0%; Score 1806; DB 7;
(ery Match 100.0%; Pred. No. 4.3e-147;
                    Score 1806; DB 7;
Pred. No. 4.3e-147;
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PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 7;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 119
                                                                                                                                                                                                                                                                                                              Score 1806; DB 7;
Pred. No. 4.3e-147;
                                                                                                                                                                 Score 1806; DB 7;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 1806; DB 7;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human PRO polypeptide SEQ ID NO 376. 18200307719-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human PRO polypeptide SEQ ID NO 376.
US200307716-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human PRO polypeptide SEQ ID NO 376
US2003077718-A1.
                                                              Human PRO polypeptide #188.
US2003082697-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADB36149 standard; protein; 344 AA. Human PRO polypeptide SEQ ID NO 376
                                                                                                                                                                                                                                                                                                                                                               ADB76745 standard; protein; 344 AA. Human PRO polypeptide #89. US2003083248-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US20030,,,,
24_APR-2003.
(GETH ) GENENTECH INC.
100.0%;
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%;
RESULT 115
ID AD886731 standard; protein; 34
                                                                                                                                                                                                                                                                                                                                                                                                              PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
QUERY MATCh 100.0%;
Best Local Similarity 100.0%;
                                                                                                                          PD 01-MAY-2003.

PA (GETH) GENENTECH INC.

QUERY MATCh

Best Local Similarity 100.0%;

RESULT 116
                                                                                                                                                                                                                                                                       A (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%;
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RESULT 121
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Length 344;

us-09-978-544a-523.rag.spdi

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Score 1806; DB 7;
Pred. No. 4.3e-147;
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15-MAY-2003.
(GETH ) GENENTECH INC.
100.0%; S.
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08-MAX-2003.
(GETH ) GENENTECH INC.
C***ch '7-*ity 100.0%;
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RESULT 138
 PD 17-APR-2003.

PA (GETH) GENENTECH INC.

Query Match 100.0%;

Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PD 15-WAY-2003.

PA (GETH ) GENENTECH INC.

QUETY MATCH

BOST 130-08;

RESULT 139
                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.0%; RESULT 135
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (GETH ) GENENTECH INC.
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Best Local Similarity
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RESULT 141
                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                      Query Match
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                                                                                                                                                                                  100.0%; Score 1806; DB 7; Length 344; 100.0%; Pred. No. 4.3e-147;
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                                                  100.0%; Score 1806; DB 7; Length 344; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                          Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 344;
                                                                                                ADB46544 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003082692-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PD 27-MAR-2003.
PA (GETH) GENENTECH INC.
Query March
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 129
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                      100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADC41564 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003072745-A1.
                                                                                                                                                                                                                                  ADC44171 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003054986-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADC69119 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003064407-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADC68244 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003069178-A1.
                                                                                                                                                                                                                                                                                                                                                                       ADC61931 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003049684-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Human secreted/transmembrane protein, PRO337.
US2003054405-A1.
US-DARR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human secreted/transmembrane protein, PRO337. US2003060406-A1.
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US2003068648-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADC66995 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADC63895 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADC63179 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                      20-MAR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 03-APR-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                    (GETH ) GENENTECH INC.
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                               (GETH ) GENENTECH INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
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                                                           Best Local Similarity
RESULT 124
                                                                                                                                                                                                  Best Local Similarity
US2003077720-A1.
                                                                                                                                                     01-MAY-2003
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Score 1806; DB 7; Length 344; Pred. No. 4.3e-147;
                                                                                                                   Length 344;
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Novel human secreted and transmembrane protein PRO337.
US2003092107-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel human secreted and transmembrane protein PRO337. 15-MAY-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADC49876 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003088064-A1.
88-MAY-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AUCS0417 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2033092106-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PD 05-JUN-2003.

PA (GETH ) GENENTECH INC.

QUENTY MAtch | 100.0%; Score 1806; DB 7;

Beet Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 137

ID ADC21845 standard; protein; 344 AA.

DE Human PRO Polypeptide #63.

PN US2003096969-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PD 15-MAY-2003.

PA (GETH ) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 140
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Pred. No. 4.3e-147;
                                                                                                                 Score 1806; DB 7;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
ADC67619 standard; protein; 344 AA.
Human secreted/transmembrane protein, PR0337.
US2003073131-A1.
17-APR-2003.
GETH ) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e.
                                                                                                                              Best Local Similarity 100.0%; Pred. No. 4.3e-
RESULT 134
ID ADC6255 standard; protein; 344 AA.
DE Human secreted/transmembrane protein, PRO337.
PN US2003073624-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADC42188 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003104998-A1.
                                                                                                                                                                                                                                      (GETH ) GENENTECH INC. 100.0%; Score 1806;
                                                                                                                                                                                                                                                                                                                                                     ADC36855 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003088065-Al.
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Length 344;
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                                                      AD053556 standard; protein; 344 AA.
Novel human secreted and transmembrane protein Seq ID376.
US2003087364-A1.
08-MAY-2003.
(GETH ) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                      ADC59079 standard; protein; 344 AA.
ADC59079 standard; protein; 344 AA.
Novel human secreted and transmembrane protein Seq ID376.
US2003087359-A1.
US2003087359-A1.
(GETH) GENENTECH INC.
(GETH) GENENTECH INC.
(GETH) Match

100.0%; Score 1806; DB 7; Length

set Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADCS827 standard, protein; 344 AA.
Novel human secreted and transmembrane protein Seg ID376.
US2003087346-A1.
                                                                                                                                                                                                                                                                                                                                                                                         Novel human secreted and transmembrane protein Seq ID376 US2003087360-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADC47198 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337, US2003105288-A1.
05-JUN-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novel human secreted and transmembrane protein PRO337.
US200092104-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADC90193 standard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337.
US2003087348-A1.
(08-MAY-2003.
(0ETH ) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
      100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 7;
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16-OCT-2003.
(GETH ) GENENTECH INC.
100.0%; Score 1806;
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US2003194770-A1.
                                                                                                                                                                                                                                                                                                                                                                           protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADC48501 standard; protein; 344 AA
Human PRO polypeptide #188.
US2003194773-A1.
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08-MAY-2003.

(GETH ) GENENTECH INC.

MALCh ...arity 100.0%;
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16-0CT -2003.
(GETH ) GENENTECH INC.
MATCh ''''THTY 100.0%;
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100.0%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh

Best Local Similarity 100.0%;

RESULT 155
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105 MAY-2003
(GETH ) GENENTECH INC.
100.0%;
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    Query Match
Best Local Similarity
RESULT 151
                                                                                                                                                                                                                                                                                                                                Best Local Similarity RESULT 153
                                                                                                                                                                      Best Local Similarity RESULT 152
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RESULT 156
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Best Local Similarity
RESULT 159
                                                                                                                                                                                                                                                                                                                                                                             ADC55957 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
                                                                                                                                                          Query Match
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                                                                                                                                                                            Length 344;
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Pred. No. 4.3e-147;
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                    Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADC52950 standard; protein; 344 AA.
Novel human secreted and transmembrane protein Seg ID376.
US2003303365-A1.
(8-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADC57304 standard; protein; 344 AA.
Novel human secreted and transmembrane protein Seg ID376.
US2003087366-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADC54595 standard; protein; 344 AA.
Novel human secreted and transmembrane protein Seg ID376.
                                                                       ADC49075 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003088070-A1.
                                                                                                                                                                                                                           ADC45592 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003088071-A1.
                                                                                                                                                                                                                                                                                                                                                                         Novel human secreted and transmembrane protein PRO337.
US2003088072-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADC60495 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003087367-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Novel human secreted and transmembrane protein PRO337.
US200308731-Al.
                100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 1806; DB 7;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADC65497 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003087362-Al.
                                                                                                                                                                                                                                                                                                                              100.0%;
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A (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC
                                                                                                                                 08-MAY-2003.
(GETH ) GENENTECH INC
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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08-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity RESULT 145
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 150
                                                                                                                                                                                        Best Local Similarity RESULT 143
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                                Best Local Similarity RESULT 142
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Query Match

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BEREE

RESULT 147

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Query Match

Query Match

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05-JUN-2003
                                                                         08-MAY-2003
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08-MAY-2003.

(GETH ) GENENTECH INC.

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100.0%; Score 1806; DB 7; Length 344;

ery Match

100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADC80561 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003092103-A1.
                                                                                                                                                                              ACTOR 13 standard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337.
US2003096972-A1.
22-MAY-2003.
(GETH ) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                 ADD04605 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003087354-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADC77827 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003088066-A1.
 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Human secreted/transmembrane PRO polypeptide #28.
US2003105011-A1.
                                ADD10030 standard, protein, 344 AA. Human PRO polypeptide #188. US2003194776-A1. 16-OCT-2003. (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADD11068 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003194774-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADC47949 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003194771-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              100.0%;
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LATY MATCH

BEST LOCAL Similarity 1

RESULT 165

ID ADD11068 standa-

DE Human PRO re

PN US2031°

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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
RESULT 163
                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity RESULT 168
                                                                                                                                           Best Local Similarity RESULT 161
Best Local Similarity
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ID ADD0460
DE Novel P
PN US20030
PD 08-MAY-
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Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 344;
ADC80009 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003087358-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADD50790 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003105291-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADD41191 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003203438-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AUDS1036 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003105290-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADD53622 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003203437-A1.
                                                                                                                                                                                                                                                                                                                                             DE Human PRO polypeptide #188.

BN US2003475-A1.

PD 16-CCT-2003.

PA (GETH ) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 172
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(GETH ) GENENTECH INC.
(CETH ) GENENTECH INC.

ery Match
100.0%; Score 1806; DB 7;

ery Match
100.0%; Pred. No. 4.3e-147;
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PA (GETH) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 175
                                                                                                                                                                      ADD11305 standard, protein; 344 AA.

Human secreted/transmembrane PRO polypeptide #28.

OS_2003105013_A1.

OS_JUN-2003.

OS_TUN-2003.

Query Match

DS_TUN-2004.

100.0%; Score 1806; DB 7;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                             Score 1806; DB 7;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADD52330 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003194769-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADD53070 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003194792-A1.
                                                                               PA (GETH ) GENENTECH INC.
Ouery Match
Best Local Similarity 100.0%;
RESULT 170
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PA (GETH ) GENENTECH INC.

QUEYY MATCh

Best Local Similarity 100.0%;

RESULT 178
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(GETH ) GENENTECH INC.

Query Match

Best Local Similarity 100.0%;
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ry Match
t Local Similarity 100.0%;
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A (GETH ) GENENTECH INC.
Ouery Match
Best Local Similarity 100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity RESULT 174
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Best Local Similarity
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Human PRO polypeptide #188.
US2003199030-A1.
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PD 05-JUN-2003.

PD 05-JUN-2003.

PA (GETH) GENENTECH INC.

Query Match
Best Local Similarity 100.0%; Score 1806; DB 7; Length 344;
RESULT 179

ID ADD51778 standard; protein; 344 AA.

DE Human PRO polypeptide #188.

PN US2003194779-AI.

PA CCT-2003.
                                                                                                                                                                                                                                                                                                                                                           Query Match 100.0%; Score 1806; DB 7; Length 344; Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 181
                                                                                                                                                                                                                                                     Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            22-MAY-2003.
(GETH ) GENENTECH INC.
lery Match 100.0%; Score 1806; DB 7; Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%; Score 1806; DB 7; Length 344; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PD 22-MAY-2003.

AA (GETH ) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 7; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 344;
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Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                     ADD54193 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003203432-AI.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADD51282 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003105289-A1.
G5-UNA.2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADE49557 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003096744-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                     ADD50517 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003096971-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADD02011 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003203430-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADD50271 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003096970-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADD92510 standard; protein; 344 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            30-OCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      22-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 184
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
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ID ADD91406 standard; protein; 344 AA.

DE Human PRO polypeptide #188.

PN US200319905-A1.

PD 23-OCT-2003.

PA (GETH) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 7; Length 344;

RESULT 189
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PD 30-OCT-2003.

PA (GETH ) GENENTECH INC.

QUETY Match 100.0%; Score 1806; DB 7; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 193
                                          Length 344;
                                                                                                                                                                                                                                                                                                                                                                     Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 100.0%; Score 1806; DB 7; Length 344;
RESULT 196
ID ADE42009 standard; protein; 344 AA.
DB Human PRO polypeptide #188.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                        ADE32317 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003194765-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PD 30-0CT-2003.

PA (GETH ) GENENTECH INC.

Query Match

Bost Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 195

ID ADD73340 standard; protein, 344 AA.

DE Human secreted/transmembrane protein, PRO337.

PN US2003203436-A1.

Pp 30-0CT-2003.

PA (GETH ) GENENTECH INC.

100.0%; Score 1806; DB 7; Le
                                       Score 1806; DB 7;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                   Score 1806; DB 7;
Pred. No. 4.3e-147;
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PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADE35611 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003203434-A1.
30-CCT-2003.
GETH ) GENENTECH INC.
100.0%; Score 1806; DB
st Local Similarity 100.0%; Pred. No. 4.3e-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADE16725 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003203435-A1.
                                                                                                                                                                                                                                               Human PRO polypeptide #188.
0320031990557-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADE22249 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199056-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADD79473 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003203428-A1.
                                                                                                                                                                                                                              LACO polypeptide #188.

LED 23-0CT-2003.

PA (GETH ) GENENTECH INC.

QUENTY MATCH

BEST LOCAL Similarity 100.0%; SC.

ID ADE32317 standard; proff.

DE NOVEL human secret.

PD 16-0CT 76.
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PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%;
RESULT 191
                                     Query Match 100.0%;
Best Local Similarity 100.0%;
23-OCT-2003.
(GETH ) GENENTECH INC.
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RESULT 194
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us-09-978-544a-523.rag.spdi

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Human PRO polypeptide #188.
US2003207418-Al.
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US2003199032-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADD89605 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199028-A1.
23-OCT-2003.
                                                                                             ADE43126 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003199033-A1.
                                                                                                                                                                                                                                                                                                                                                                                        protein; 344 AA.
                                                                                                                                                                                                                                                                                                                                                                                                     DE Human PRO polypeptide #188.
PN US2003199064-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
QUERY MATCh
BEST LOCAL SIMILARITY 100.0%; PRESULT 209
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%;
Best Local Similarity 100.0%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh

BEST LOCAL SIMILARITY 100.0%;

RESULT 212
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RESULT 214
                                                                                                                                                                                                                                                                                                                                                                                      ADE22801 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Luery Match

Local Similarity 100.0%; Score 1806; DB 7; Length 344;

RESULT 201

ID ADD80025 standard; protein; 344 AA.

PN US2003207417-A1.

PD 06-NOV-2007
                                           vuery Match
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 197
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PD 06-NOV-2003.

PA (GETH ) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 7; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16-0CT-2003.
(GETH ) GENENTECH INC.
ery Match 100.0%; Score 1806; DB 7; Length 344;
ery Match 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                    100.0%; Score 1806; DB 7; Length 344; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                    Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                     ADE33421 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003194767-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
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Human secreted/transmembrane protein, PRO337.
US2003194781-A1.
                                                                                                            ADE17826 standard, protein, 344 AA.
Human PRO polypeptide #188.
US2003199023-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADE19482 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199025-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADE18930 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199026-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADD93062 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003194768-A1.
                                                                                                                                                                                                                                                          ADD91958 standard; protein; 344 AA
                                                                                                                                                                                                                                                                           Human PRO polypeptide #188.
US2003199053-A1.
23-OCT-2003.
(GETH ) GENENTECH INC.
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LH ) GENENTECH IN SET LOCAL SIMILARITY 1
RESULT 203
ID ADD72698 standa-
DE Human Secretion PD 16-7
PD 16-7
PA
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(GETH ) GENENTECH INC.
                          16-OCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                  23-OCT-2003.
(GETH ) GENENTECH INC.
Query Match
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
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Best Local Similarity
RESULT 205
                                                                                                                                                                                                                   Best Local Similarity
RESULT 198
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Best Local Similarity
RESULT 199
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 204
         US2003194772-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 200
ID ADE3397
DE Novel P
PN US20031
PD 16-OCT-
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PD 30-OCT-2003.

PA (GETH ) GENENTECH INC.

Query Match

100.0%; Score 1806; DB 7; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 213
                                                                                                                                                                                                                                                                PD 23-OCT-2003.

PA (GETH ) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 7; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 208
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 344;
Length 344;
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                                                                                                                                                 Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADE32869 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003194766-A1.
                                                                                                       ID ADD78919 standard; protein; 344 AA.

ID Human PRO polypeptide #188.

DB UG2003003499-A1.

PD 30-0CT-2003.

PA (GETH ) GENENTECH INC.

QUETY MARCH

BAST LOCAL Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 210.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              OG-NOV-2003.
(GETH ) GENENTECH INC.
(GETH ) GENENTECH INC.
(ery Match 100.0%; Score 1806; DB 7;
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PA (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 7;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 21
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 1806; DB 7;
Pred. No. 4.3e-147;
Score 1806; DB 7;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADE17349 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003203433-A1.
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06-NOV-2003.
(GETH ) GENENTECH INC.
100.0%; Score 1806; DB 7; Length 344;
                                              Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADH55306 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207381-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Novel human secreted and transmembrane protein PRO337.
USJO03207386-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADH55858 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003207379-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADI63525 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207387-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Novel human secreted and transmembrane protein PRO337 US2003207385-A1.
                                                                                                                                                                                                                                                                                 GG-NOV-2003.
(GETH ) GENENTECH INC.
(GETH ) GENENTECH INC.
100.0%; Score 1806; DB 7;
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(GETH ) GENENTECH INC.

iry Match 100.0%; Score 1806; DB 7;

rran 1 Aimilarity 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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                                          Score 1806; DB 7;
Pred. No. 4.3e-147;
                                                                                                                                                                                 Score 1806; DB 7;
Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 1806; DB 7;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 1806; DB 7;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                             ADG63785 standard; protein; 344 AA.
Human secreted/transmembrane polypeptide PRO337.
US20031170721-A1.
11-SEP-2003.
                                                                                                              Human secreted/transmembrane protein, PRO337 US2003206915-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human secreted/transmembrane protein, PRO337. US200377700-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 1806;
                                                                                                                                                                                                                                  ADG80014 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003207372-A1.
                                                                                              ADG60440 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      protein; 344 AA
                                                                                                                                    USACV-2003.
06-NOV-2003.
(GETH ) GENENTECH INC.
100.0%;
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06-NOV-2003.
(GETH ) GENENTECH INC.
MATCh 'levity 100.0%;
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USACAZA
(GETH ) GENENTECH INC.
100.0%;
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RESULT 226
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RESULT 230
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(GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh

Best Local Similarity 100.0%;

RESULT 232
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   06-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                            Best Local Similarity RESULT 225
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity RESULT 227
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
RESULT 228
                                          Query Match
Best Local Similarity
RESULT 224
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
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                                                                                                                                                                                                                                                                                                                               Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              RESULT 231
                                                         Score 1806; DB 7; Length 344; Pred. No. 4.3e-147;
                                                                                                                                                                                                 Score 1806; DB 7; Length 344; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 344;
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PA (GETH ) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 7; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 221
                                                                                                                                                                                                                                                                                                                                             Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADG21526 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207355-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADG22167 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207384-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 1806; DB 7; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                            Score 1806; DB 7;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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ADP47363 standard; protein; 344 AA.
ADP47363 standard; protein; PR0337.
US2003195333-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADG53120 standard, protein, 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003216561-A1.
                                                                                                         ADE40889 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199031-Al.
                                                                                                                                                                                                                                                   protein; 344 AA.
                                                                                                                                                                                                                                                                                                                                                                                          ADE92817 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003194777-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADF97502 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003207370-A1.
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Human PRO polypeptide #188.
US2003207373-Al.
(GETH ) GENENTECH INC. 100.0%; SC
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Human PRO polypeptide #188.
US2003199034-A1.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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ID ADG80566 standar

DE Human PRO Prime PRO 06.20032.

PD 06.20032.

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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                              Query Match
Best Local Similarity
RESULT 216
                                                       Query Match
Best Local Similarity
RESULT 215
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Best Local Similarity
RESULT 220
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RESULT 219 Query

RESULT

Query

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Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 344;
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RESULT 242

ID ADE21000 standard; protein; 344 AA.

ID Novel human secreted and transmembrane protein PR0337.

PN USC03100735-A1.

PD 29-MAY-2003.

Query Match

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 243
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Day 50. Standard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337.
US20031.00722-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
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Novel human secreted and transmembrane protein PRO337
US2003100738-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADE20754 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003100734-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADE39051 standard; protein; 344 AA. Novel human secreted and transmembrane protein PRO337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 244
ID ADD76561 standard; protein; 344 AA.
ID ADD76561 standard; protein; 344 AA.
ID Human PRO polypeptide #188.
PN US2003100087-A1.
PA (GETH) GENENTECH INC.
RESULT ACAI Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 245
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 1806; DB 8;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                            ADE05844 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003100728-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADD75073 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003100712-A1.
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GENENTECH INC.
1. 100.0%; S
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22-MAY-2003.
(GETH ) GENENTECH INC.
100.0%;
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PA (GETH) GENENTECH INC.
Query Match 100.0%;
Best Local Similarity 100.0%;
RESULT 246
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(GETH ) GENENTECH INC.
Ouery Match
Best Local Similarity 100.0%;
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Best Local Similarity 100.0%;
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(GETH ) GENENTECH INC.
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Best Local Similarity
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(GETH ) GEN
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RESULT 249
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29-MAY-2003
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                                                                                           / Match 100.0%; Score 1806; DB 8; Length 344; Local Similarity 100.0%; Pred. No. 4.3e-147;
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Local Similarity 100.0%; Score 1806; DB 8; Length 344;
                                                                                                                                                                                                                                                Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADD78423 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003100737-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               uuery match
Best Local Similarity 100.0%; Score 1806; DB 8;
RESULT 259
                                                                                                                                                                                                                                          Query Match 100.0%; Score 1806; DB 8; Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 258
ID ADE41306 standard; protein; 344 AA.
DE Human secreted/transmembrane PRO polypeptide #28.
PN US2003100497-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADE48857 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003104536-A1.
                                                                                                                                    ADE05598 standard; protein; 344 AA. Human PRO polypeptide #63. US2003100727-A1. C39-MAY-2003. (GETH ) GENENTECH INC.
ADD87925 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003092113-A1.
15-MAY-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADE75777 standard; protein; 344 AA.

Human PRO polypeptide #188.

13-NOV-2003.

A (GETH ) GENENTECH INC.

OQUETY MATCh
                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADD73583 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003100711-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADE23353 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003092108-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADE21246 standard; protein; 344 AA
                                                                                                                                                                                                           30-OCT-2003.
(GETH ) GENENTECH INC.
                                                                          (GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
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RESULT 257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                           Query Match
Best Local Si
RESULT 252
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Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel human secreted and transmembrane protein PRO337.
US2001100718-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                   Ausorove standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US203100733-A1.
Novel human secreted and transmembrane protein PRO337 US2003100736-A1.
                                                                                                              ADD71361 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADD85557 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003100721-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CGETH ) GENENTECH INC.

(GETH ) GENENTECH INC.

Lery Match

100.0%; Score 1806; DB 8;

Lery Match

100.0%; Pred. No. 4.3e-147;
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PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 8;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 263
                                                                     Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                                                                                                          PD 29-MAY-2003.

PA (GETH ) GENENTECH INC.

Querry Match 100.0%; Score 1806; DB 8;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 262
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 1806; DB 8;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      19-MAY-2003.
(GETH ) GENENTECH INC.
100.0%; Score 1806;
                                                                                                                                                                                                                                                                                                                                                                                                               ADD75573 standard; protein; 344 AA. Human PRO polypeptide #63. US2003100064-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human PRO polypeptide #63.
US2003100708-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human PRO polypeptide #188. US2003092110-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADD74335 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003100709-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADE24548 standard; protein; 344 AA. Human PRO polypeptide #188.
                    0075-0.
2003.
) GENENTECH INC.
100.0%; S
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity 100.0%;
RESULT 268
DE Human PBP ...
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US2003032.
15-MAY-2003.
(GETH ) GENENTECH INC.
100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                              PD 29-MAY-2003.
PA (GETH ) GENENTECH INC.
QUETY MATCh
Best Local Similarity 100.0%;
RESULT 264
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity 100.0%;
RESULT 266
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         29-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                    Best Local Similarity RESULT 261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
RESULT 265
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GERBER H.
GERRITSEN M E.
                                                                                                                                                                                                                                                                                                                                                                                                                           GODOWSKI P J.
GIRMALDI J C.
GURNEY A L.
HILLAN K J.
KLJAVIN I J.
KUO S S.
NAPIER M A.
                                                                                                                                                                                                                                                    ASHKENAZI A J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PAN J.
PAONI N F.
ROY M A.
SHELTON D L.
STEWART T A.
                                                                                                                                                                                                                                                                BAKER K P.
BOTSTEIN D.
DESNOYERS L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           TUMAS D.
WILLIAMS P M.
                                                                                                                                                                                                                                                                                                           EATON D L.
FERRARA N.
FILVAROFF E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                       Best Local Similarity RESULT 280
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 282
                                                                                                                                                                                                                                                                                                                                                                                                                   GODDARD A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (WILL/) WILLIAMS F
(WOOD/) WOOD W I.
                                                                                                                                                                                                                                                                                                                                                        FONG S.
                                                                                                                                                                                                                                                                                                                                                                      GAO W.
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                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (ROYM/)
(SHEL/)
                                                                                                                                                                                                                                                  (ASHK/)
                                                                                                                                                                                                                                                                                (BOTS/)
(DESN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (PANJ/)
(PAON/)
                                                                                                                                                                                                                                                                   BAKE/)
                                                                                                                                                                                                                                                                                                                                          (FILV/)
(FONG/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (STEW/)
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                                                                                                                                                                                                                                                                                                                                                                                                                   G000)
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                                                                                                                                                                                            vuery Match 100.0%; Score 1806; DB 8; Length 344;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 273
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 100.0%; Score 1806; DB 8; Length 344; Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 274
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PD 29-MAY-2003.

PA (GETH ) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 8; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
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                                        100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                          ADD76863 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337, US2003100715-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADD86631 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337,
US2003100119-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADD78099 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003100731-A1.
                                                                                                                                                                                                                                                                              100.0%; Score 1806; DB 8; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADE41199 standard; protein; 344 AA.
Human secreted/transmembrane polypeptide PRO337.
US2003104558-A1.
                                                                                 ADD87373 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003203439-A1.
                                                                                                                                                                                                    ADE05106 standard, protein; 344 AA.
Human PRO polypeptide #63.
US2003100726-A1.
                                                                                                                                                                                                                                                                                                                        ADD75319 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003100714-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADE89239 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199062-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADE18378 standard, protein, 344 AA.
Human PRO polypeptide #188.
US2003194794-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 05-JUN-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                 29-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
             15-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                            (GETH ) GENENTECH INC.
Query Match
                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
RESULT 272
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity RESULT 276
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                                                   Best Local Similarity RESULT 270
                                                                                                                                                                      Best Local Similarity
RESULT 271
US2003092111-A1.
                                                                                                                                30-OCT-2003
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                                         Query Match
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| Part | Carry | Carry
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Length 344;

RESULT

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PD 23-OCT-2003.

PA (GETH ) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 294
                                                                                                          ADE91118 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003199061-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US2003202.
30-OCT-2003.
(GETH ) GENENTECH INC.
100.0%;
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23-OCT-2003.
(GETH ) GENENTECH INC.
100.0%;
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23-CCT-2003.
(GETH ) GENENTECH INC.
100.0%;
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Query Match
Best Local Similarity 100.0%;
RESULT 296
                                                                                                                                                                                                Query Match
Best Local Similarity
RESULT 295
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
RESULT 298
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                                                                      Length 344;
                                                                                                                                                                                                                      100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                           Length 344;
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Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                ADD85803 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003100720-A1.
                                                                                                                                                                                                                                                                           ADD77109 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PD 29-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                100.0%; Score 1806; DB 8; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                               uuery Match 100.0%; Score 1806; DB 8;
Beet Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 287
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 1806; DB 8; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADF46086 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003195148-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADF40290 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003198994-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADF61598 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
                                                                                                            Human PRO polypeptide #63.
29-Mav-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADE05352 standard; protein; 344 AA. Human PRO polypeptide #63. US2003100723-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADE9707 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199027-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        protein; 344 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human PRO polypeptide #63.
US2003100724-A1.
                             29-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                              29-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                              US2003100716-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                    Query Match
Best Local Similarity
RESULT 286
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADD74827 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             US2003195345-A1.
             US2003100710-A1.
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                                                                    Query Match
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Length 344;
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Length 344;
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                                                                                                                                                                                                              DE ADE93369 standard; protein; 344 AA.

DE Human PRO polypeptide #188.

PN U22003199060-A1.

PA (GRTH) GENENTECH INC.

Query Match

100.0%; Score 1806; DB 8;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GETH ) GENENTECH INC.

(GETH ) GENENTECH INC.

ARV Match 100.0%; Score 1806; DB 8;

ATV MATCH 100.0%; Pred. No. 4.3e-147;
Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 1806; DB 8;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                    Score 1806; DB 8;
Pred. No. 4.3e-147;
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PA (GETH ) GENENTECH INC.
QUECY MATCh
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                  ADF24482 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
30-OCT-2003.
GETH) GENENTECH INC.
(GETH) GENENTECH INC.
100.0%; Score 1806; DB
st Local Similarity 100.0%; Pred. No. 4.3e-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Simitation.
RESULT 302
ID ADP27308 standard; protein; 344 AA.
DE Human secreted/transmembrane protein, PRO337.
PN U22003199436-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 100.0%; Pred. No. 4.3e-RESULT 300
ID ADF33841 standard; protein; 344 AA.
DE Human secreted/transmembrane protein, PRO337.
PN US2003194780-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADF40914 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003199021-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADF23858 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003203402-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human PRO polypeptide #188.
                                                           ADE95259 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199052-A1.
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Length 344;
                                                                                                                                                                                                                                                                                                                                    Length 344;
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1 (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 8; Length 344;
    Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 344;
                                             DE ADES1713 standard; protein; 344 AA.

DE Novel human secreted and transmembrane protein PRO337.

PR US2003199058-A1.

PD 23-OCT-2003.

PA (GFTH) GENENTECH INC.

Query Match

Dest Local Similarity 100.0%; Pred. No. 4.38-147;

RESULT 313
                                                                                                                                                                                                                        ACCOS639 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003096959-A1.
22-MAY-2003.
(GETH) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 100.0%; Fred. No. 4.3e-147; RESULT 316
D ADG22078 standard; protein; 344 AA.
DE Novel human secreted and transmembrane protein PRO337.
PN US2003207360-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AG024271 standard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337.
US2003207426-A1.
06-NOV-2003.
(GETH ) GENENTECH INC.
ery Match
st Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GETH ) GENENTECH INC.

(GETH ) GENENTECH INC.

100.0%; Score 1806; DB 8;
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PA (GETH ) GENENTECH INC.

Query Match

100.0%; Score 1806; DB 8;

BEST Local Similarity 100.0%; Pred. No. 4.3e-147;

BESULT 318

ID ADF98054 standard; protein; 344 AA.
    Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human PRO polypeptide #188.
US200320/422-A1.
                                                                                                                                                                                                                                                                                                                                                                                            ADG27193 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003096962-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADG20148 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003207376-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADF98625 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003208055-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         USZUCZ.
06-NOV-2003.
(GETH ) GENENTECH INC.
--- Match '''arity 100.0%;
    100.0%;
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PA (GETH) GENENTECH INC.

QUETY Match 100.0%;

Best Local Similarity 100.0%;
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RESULT 319
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    06-NOV-2003.
(GETH ) GENENTECH INC.
    Query Match
Best Local Similarity
RESULT 312
                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity RESULT 314
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
RESULT 320
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity RESULT 317
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                    ID ADE92265 standard; protein; 344 AA.

DE Novel human secreted and transmembrane protein PRO337.

PN US2003199951-A1.

PD 23-OCT-2003.

PA (GETH) GENENTECH INC.

Query Match

L00.0%; Score 1806; DB 8; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                     100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                      Length 344;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
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                                                                                                                                                                                    Score 1806; DB 8;
Pred. No. 4.3e-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 100.0%; Score 1806; DB 8; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  RESULT 308

ID ADF25583 standard; protein; 344 AA.

DE Human secreted/transmembrane protein, PRO337.

PN US2003211092-A1.

PD 13-NOV-2003.

PA (GETH) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADF41538 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003199435-A1.
(GETH ) GENENTECH INC.
                                                                                                  Human secreted/transmembrane protein, PRO337. US2003199437-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human secreted/transmembrane protein, PRO337.
US2003211091-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human secreted/transmembrane protein, PRO337.
US2003199674-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADF34473 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003194410-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADF46710 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
1G2003195344-A1.
G-CCT-2003.
                                                                                                                                                                                                                                                                                                                                                                                                         ADE90566 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003199063-A1.
                                                                               ADF27944 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADF33217 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADF26684 standard; protein; 344 AA
                                                                                                                                PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
QUERY MATCh 100.0%;
Best Local Similarity 100.0%;
RESULT 304
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         23-OCT-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      16-OCT-2003,
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13-NOV-2003.
(GETH ) GENENTECH INC.
                   Query Match
Best Local Similarity
RESULT 303
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
RESULT 309
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity RESULT 306
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
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RESULT 307

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RESULT 310

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Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               / Match 100.0%; Score 1806; DB 8; Length 344; Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
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Local Similarity 100.0%; Pred. No. 4.3e-147;
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Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADGI1256 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003096967-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADG08382 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207424-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 100.0%; Score 1806; DB 8; Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 329
    100.0%; Pred. No. 4.3e-147;
                                                                                                                                             Query Match
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 322
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       100.0%; Score 1806; DB 8; 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                         ADG03456 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003207351-A1.
                                                                                                                                                                                                          ADF99177 standard, protein, 344 AA.
Human PRO polypeptide #188.
US2003207353-A1.
                                                                                                                                                                                                                                                                                                                                                                           ADG16762 standard, protein, 344 AA.
Human PRO polypeptide #188.
US2003207359-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADG05221 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003207375-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG19488 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003207425-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADG13325 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003207357-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADG15552 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003219885-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%;
Best Local Similarity 100.0%;
RESULT 328
                                                                                                        06-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               06-NOV-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 27-NOV-2003
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                               (GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (GETH ) GENENTECH INC
Best Local Similarity RESULT 321
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                                                  Local Similarity
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Best Local S
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 324
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06-NOV-2003.
(GETH ) GENENTECH INC.
(ery Match 100.0%; Score 1806; DB 8; Length 344;
ery Match 100.0%; Pred. No. 4.3e-147;
                                                                                                                               Length 344;
                                                                                                                                                                                                                                                                                                Length 344;
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ID ADG12035 standard; protein; 344 AA.

DE Novel human secreted and transmembrane protein PRO337.

PN US2003056563-A1.

PD 22-MAY-2003.

PA (GETH) GENENTECH INC.

Query Match

Best Lacal Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 331
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADG23719 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207389-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADG24909 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003207427-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG07206 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207350-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADG07758 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207356-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADF94592 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003096964-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PD 06-NOV-2003.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 8;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 336
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PD 06-NOV-2003.

PA (GETH) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 338
                                                                                                                                                                                                                                                                                                  Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 1806; DB 8;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human PRO polypeptide #188.
052003207423-Al.
                                                                                                                                                                                        ADF96950 standard; protein; 344 AA
Human PRO polypeptide #188.
US2003207371-A1.
                                                                                                                                                                                                                                                                                                                                                         ADG06135 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003207374-A1.
                                                                                                                                                                                                                                           PD 06-NOV-2003.

PA (GETH ) GENENTECH INC.

QUERY MATCh

Best Local Similarity 100.0%;

RESULT 332
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PD 22-MAY-2003.
PA (GETH ) GENENTECH INC.
QUERTY MATCh 100.0%;
Best Local Similarity 100.0%;
RESULT 337
                                                                                                                                                                                                                                                                                                                                                                                                                         06-NOV-2003.
(GETH) GENENTECH INC.
Query Match 100.0%;
Best Local Similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
Query Match 100.0%;
Best Local Similarity 100.0%;
RESULT 335
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PA (GETH) GENENTECH INC.

QUELY MATCh

Best Local Similarity 100.0%;

RESULT 339
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Novel human secreted and transmembrane protein PRO3377 US2003207420-A1.
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100.0%; Score 1806; DB 8; Length 344;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 348
                                                                                                                                                                                                                                                                                                                                              100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                  Length 344;
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                                                                                   Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADG56909 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
06-NOV-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADGS5805 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207365-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADG58565 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207368-A1.
                                                                                                                                                                                                                                                  Novel human secreted and transmembrane protein PRO337.
US2002207390-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADG57461 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207362-A1.
                                                                                                                              ADG55253 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003194778-A1.
                                                                                                                                                                                                                                                                                                                                                                                            ADG62021 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003207428-A1.
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(GETH ) GENENTECH INC.

100.0%; Score 1806; DB 8;
                                                                                                                                                                                                                Score 1806; DB 8;
Pred. No. 4.3e-147;
                                                                                 Score 1806; DB 8;
Pred. No. 4.3e-147;
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ADG06688 standard; protein; 344 AA.
Human PRO polypeptide #63.
US2003096966-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADG82222 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003207358-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADG70931 standard; protein; 344 AA
                                                                                100.0%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC
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RESULT 346
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(GETH ) GEN
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RESULT 342
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Length 344;
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Novel human secreted and transmembrane protein PRO337.
US2003207421-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AUHI1999 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207419-A1.
                                                                                         ADH39032 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003096965-A1.
                                                                                                                                                                                                                                            ADG58013 standard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337
US2003207363-A1.
                                                                                                                                                                                                                                                                                                                     odery Match 100.0%; Score 1806; DB 8; Leng Odery Match 100.0%; Score 1806; DB 8; Leng Best Local Similarity 100.0%; Pred. No. 4.3e-147; RESULT 351
DB ADGS3597 standard; protein; 344 AA.
DB Novel human secreted and transmembrane protein PRO337. PN US2003207415-A1.
06-NOV-22003.
(GETH ) GENENTECH INC.
iry Match 100.0%; Score 1806; DB 8;
iry Match 100.0%; Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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DB Human secreted/transmembrane polypeptide PR0337.
DD US2003100796-A1.
PA (GETH ) GENENTECH INC.
QUERY MARCH
Best Local Similarity 100.0%; Pred. No. 4.3e-147
RESULT 357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADG50696 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003207803-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADG81670 standard; protein; 344 AA. Human PRO polypeptide #188.
US2003207805-A1.
06-NOV-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 100.0%; Pred. RESULT 355
ID ADH30632 standard; protein; 344 AA. DE Human PRO polypeptide #188.
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06-NOV-2003.
(GETH ) GENENTECH INC.
MALCh ''Arity 100.0%;
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24-APR-2003.
(GETH ) GENENTECH INC.
""+ch 100.0%;
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06-NOV-2003.
(GETH ) GENENTECH INC.
... Match ... ... 100.0%;
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22-MAY-2003.
(GETH ) GENENTECH INC.
MATCh "lavity 100.0%;
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RESULT 352
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100.0%;
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(GETH ) GENENTECH INC.
                               Query Match
Best Local Similarity
RESULT 349
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RESULT 350
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(GETH ) GEN
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Length 344;

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PA (GETH ) GENENTECH INC.
Query Match
100.0%; Score 1806; DB 8; Length 344;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 368
                                                                                      ADG61469 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207429-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                        ADG54701 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207367-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADG59741 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337, US2003207369-A1.
06-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG34122 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2004006206-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      DE Human secreted/transmembrane protein, PRO337.

PN US2004005312-A1.

PD 08-JAN-2004.

PA (GETH ) GENENTECH INC.

QUETY MATCh

Best Local Similarity 100.0%; Pred. No. 4.3e-147;
                              Score 1806; DB 8;
Pred. No. 4.3e-147;
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Query Match
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
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PA (EETH ) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 8;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 375
                                                                                                                                                                                                                                                                                                                                                                Score 1806; DB 8;
Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
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Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADGS9264 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2004005657-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG62720 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2004006219-A1.
08-JAN-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ID ADM43489 standard; protein; 344 AA.

DE Human PRO polypeptide #28.

PN US200324984-A1.

PD 04-DEC-2003.

PA (GETH) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. NR

RESULT 373
                                                                                                                                                                                                                                                      ADH28556 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003022331-A1.
                                                                                                                                                                                                                                                                                                            PD 30-JAN-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%;
RESULT 369
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PD 08-JAN 2004.
PA (GETH ) GENENTECH INC.
Query Match 100.0%;
Best Local Similarity 100.0%;
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 100.0%;
RESULT 367
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            Ob-NNV-zvus.
(GETH ) GENENTECH INC.
rry Match
+ Local Similarity 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                              vuery Match 100.0%; Score 1806; DB 8; Length 344;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 360
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A (GETH ) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 8; Length 344;
Best Local Similarity 100.0%; Pred. No. 4.38-147;
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                                                                                                                                                                                                                                                                                                                                                                                                                                         ADG52421 standard; protein; 344 AA.

Novel human secreted and transmembrane protein PRO337.
US20012071414-A1.

GENOV-2003.

(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADG56357 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US200320736-A1.
(G6-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADG54149 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337.
US2003207416-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADH12623 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003207378-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PD 20-NOV-2003.

PA (GETH) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 363
                                                                                                                                                                                                           100.0%; Score 1806; DB 8; 100.0%; Pred. No. 4.3e-147;
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                                                                                                   ADG50072 standard; protein; 344 AA.
Huwan secreted/transmembrane protein, PRO337.
USZ003215905-A1.
20-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                       ADG51944 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003215908-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADG49448 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003216305-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADG48824 standard; protein; 344 AA.
Human secreted/transmembrane protein, PRO337.
US2003216560-A1.
20-NOV-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADG81118 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2003194793-A1.
                                                                                                                                                                                                                                                                                                                                    20-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16-OCT-2003.
(GETH ) GENENTECH INC.
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                                                            Best Local Similarity RESULT 358
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Best Local Similarity
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      06-NOV-2003
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                                             Query Match
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ID ADG563
DE Novel PN US2003
PD 06-NOV
PA (GETH
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RESULT 366
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RESULT 362
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RESULT 361
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Score 1806; DB 8; Length 344; Pred. No. 4.3e-147; Length 344; DE Novel human secreted and transmembrane protein PR0337.
PN US2004039164-A1.
PD 26-FEB-2004.
PA (GETH) GENENTECH INC.
Query Match 100.0%; Score 1806; DB 8; Leng Best Local Similarity 100.0%; Pred. No. 4.3e-147; LT 385
ADIJ8306 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003207349-A1. Novel human secreted and transmembrane protein PRO337 US2004044179-A1. PD 04-MAR-2004.
PA (GETH) GENENTECH INC.
QUELY Match 100.0%; Score 1806; DB 8;
Best Local Similarity 100.0%; Pred. No. 4.3e-147;
RESULT 387 ID ADK82834 standard; protein; 344 AA.

DE Human PRO polypeptide #28.

PN U22004043927-A1.

PD 04-MAR-2004.

PA (GETH) GENENTECH INC.

Query Match

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 390 ADMI7522 standard; protein; 344 AA.

A US2000404332-A1.

A (GETH) GENENTECH INC.

QUETY MACLO Similarity 100.0%; Pred. No. 4.3e-147; 100.0%; Pred. No. 4.3e-147; Score 1806; DB 8; Pred. No. 4.3e-147; ADK66602 standard; protein; 344 AA.
Human PRO Polypeptide #63.
US2004044180-A1.
04-MAR-2004.
(GFH) GENENTECH INC.
100.0%; Score]
bery Match Human PRO polypeptide #188.
US2004038336-Al. ADJ65604 standard; protein; 344 AA. Human PRO polypeptide #188. US2004038335-A1. ADM27740 standard; protein; 344 AA. Human PRO polypeptide #188. US2004048333-A1. ADJ63587 standard; protein; 344 AA PD 26-FEB-2004.

PA (GETH) GENENTECH INC.

Query Match

Best Local Similarity 100.0%;

RESULT 389 PD 06-NOV-2003.

PA (GETH) GENENTECH INC.

Query Match 100.0%;

Best Local Similarity 100.0%;

RESULT 386 PD 26-FEB-2004.

PA (GETH) GENENTECH INC.

Query Match 100.0%;

Best Local Similarity 100.0%; 100.08; 100.08; 11-MAR-2004. (GETH) GENENTECH INC. Best Local Similarity RESULT 385 Best Local Similarity RESULT 391 Best Local Similarity RESULT 393 Query Match Query Match

```
ID ADLO7356 standard; protein; 344 AA.

DE Human secreted/transmembrane protein, PRO337.

DE Human secreted/transmembrane protein, PRO337.

PD U1-APR-2004.

PA (GETH ) GENENTECH INC.

QUETY MATCh

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 395
                                                                                                                                                                                                                            PD 25-MAR-2004.

PA (GETH ) GENENTECH INC.

Query Match 100.0%; Score 1806; DB 8; Length 344;

Best Local Similarity 100.0%; Pred. No. 4.3e-147;

RESULT 396
                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     100.0%; Score 1806; DB 8; Length 344; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 1806; DB 4; Length 355; 100.0%; Pred. No. 4.5e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 1806; DB 7; Length 355; 100.0%; Pred. No. 4.5e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 1799; DB 3; Length 344;
Pred. No. 1.7e-146;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 1799; DB 3; Length 344; Pred. No. 1.7e-146;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AD196360 standard; protein; 344 AA.
Novel human secreted and transmembrane protein PRO337
US2003207354-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   100.0%; Score 1806; DB 8; 100.0%; Pred. No. 4.3e-147;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAB19722 standard; protein; 344 AA.
Human SECX Clone 11753149.0.37-encoded protein.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAB19721 standard; protein; 344 AA.
Human SECX Clone 11753149.0.6-encoded protein.
WO200061754-A2.
                                                                                                                                                           ADM42464 standard; protein; 344 AA.
Human PRO polypeptide #188.
US2004058424-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AD195808 standard, protein; 344 AA.
Human PRO polypeptide #188.
US2003077659-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAM40499 standard; protein; 355 AA.
Human polypeptide SEQ ID NO 5430.
WO200153312-A1.
                                                                                                                                                                                                                                                                                                                            ADM38326 standard, protein; 344 AA.
Human PRO polypeptide #188.
US2004077064-A1.
22-APR-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AD121580 standard; protein; 355 AA. Novel human polypeptide #59. WO2003025148-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 99.7%;
RESULT 403
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 99.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           19-OCT-2000.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                               (GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 A (GETH ) GENENTECH INC
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           19-OCT-2000.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
RESULT 398
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity RESULT 397
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
RESULT 400
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAB19722 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              26-JUL-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      27-MAR-2003.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       WO200061754-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            06-NOV-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              24-APR-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             RESULT 399
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  PERGE
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SEQ ID NO:456
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PA (GETH) GENENTECH INC.

Query Match 99.2%; Score 1791.5; DB 2; Length 343;

Best Local Similarity 99.7%; Pred. No. 7.7e-146;

RESULT 406
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               92.2%; Score 1665.5; DB 6; Length 344; 95.2%; Pred. No. 5.7e-135;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    vuery Match 91.4%; Score 1650; DB 7; Length 355; Best Local Similarity 92.2%; Pred. No. 1.3e-133; RESULT 412
                                                                                                                                                                                                        Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 1665.5; DB 4;
Pred. No. 5.7e-135;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     1D ADG63209 standard; protein; 344 AA.

1D Human neurotrimin protein.

DE Human neurotrimin protein.

DN WO2003002765-A2.

DD 09-JAN-2003.

PA (IMCR) IMPERIAL CANCER RES TECHNOLOGY LTD.

QUERY MARCH

Best Local Similarity 95.2%; Pred. No. 5.7e-135;

RESULT 410
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           .
9
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADN39138 standard; protein; 344 AA.
Cancer/angiogenesis/fibrosis-related polypeptide,
WO2003042661-A2.
22-MAY-2003.
(EOSB-) EOS BIOTECHNOLOGY INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      vuery Match 99.6%; Score 1799; DB 7;
Best Local Similarity 99.7%; Pred. No. 1.7e-146;
RESULT 405
                                                                                                                                                                                                        Score 1799; DB 7;
Pred. No. 1.7e-146;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           92.2%; Score 1665.5; DB 6 95.2%; Pred. No. 5.7e-135;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADG63211 standard; protein; 355 AA.
Human neurotrimin protein +33bp isoform.
W02003002765-A2.
09-JAN-2003.
(IMCR.) IMPERIAL CANCER RES TECHNOLOGY LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABJ20227 standard; protein; 344 AA.
Human IG gene related protein SEQ ID No 50.
WO200299040-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABU56719 standard; protein; 344 AA.
Lung cancer-associated polypeptide #312.
31-002-2002.
(EOSB-) EOS BIOTECHNOLOGY INC.
                                                                                                                                                                                       Query Match

Query Match

Best Local Similarity 99.7%; Pred. No
RESULT 404

RESULT 404

RESULT 604

RE
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Human polypeptide SEQ ID NO 1858.
WO200153312-A1.
ADD18291 standard; protein; 344 AA. Human molecule (MOL) protein MOL11. WO2003003984-AZ.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAY41773 standard; protein; 343 AA.
Human PRO337 protein sequence.
WO9946281-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADI35770 standard; protein; 355 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               92.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          12-DEC-2002.
(EXEL-) EXELIXIS INC.
                                                                                                              16-JAN-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity RESULT 408
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  26-JUL-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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AAW05172 standard; protein; 361 AA
                                                                70.2%;
71.2%;
             27-FEB-2003.
(GEHO ) GEN HOSPITAL CORP.
(FARB ) BAYER AG.
                                                                                                                                                                                                                                                                                                27-FEB-2003.
(GEHO ) GEN HOSPITAL CORP.
(FARB ) BAYER AG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  12-DEC-2002.
(EXEL-) EXELIXIS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
RESULT 430
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       06-JAN-2004.
(INCY-) INCYTE CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity RESULT 428
                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
RESULT 424
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 427
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Best Local Similarity
RESULT 429
                                                                            Best Local Similarity
RESULT 422
                                                                                                                                                                                                             Best Local Similarity RESULT 423
 WO2003016475-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                                                                                   Query Match
                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADO47380 standard; protein; 250 AA.
Human neurotrimin-like protein-related rat neurotrimin protein SeqID15.
WO2004039942-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 90.8%; Score 1639.5; DB 7; Length 344; 92.9%; Pred. No. 1e-132;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 376;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 338
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADE07928 standard; protein; 338 AA.
Novel protein (useful for identifying genetic disorders) #83.
WO2003054152-A2.
                                                                                                                                                                                                                                                                                                                                   Length 381;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 90.9%; Score 1642; DB 3; Length 313; 100.0%; Pred. No. 5.3e-133;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 345;
                                                                91.4%; Score 1650; DB 7; Length 355; 92.2%; Pred. No. 1.3e-133;
                                                                                                                                                                                                 Length 367;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       71.7%; Score 1295; DB 8; Length 250; 97.6%; Pred. No. 3.3e-103;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             09-JAN-2003.

(IMCR ) IMPERIAL CANCER RES TECHNOLOGY LTD.

Query Match

90.8%; Score 1639.5; DB 7;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     71.7%; Score 1295.5; DB 7; 71.6%; Pred. No. 4.6e-103;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 1268; DB 6;
Pred. No. 1.1e-100;
                                                                                                                                                                                                                                                                                               PD 08-NOV-2001.

PA (SHAN-) SHANGHAI BIOWINDOW GENE DEV INC.

Query Match 91.0%; Score 1643; DB 5;

BBST Local Similarity 98.7%; Pred. No. 5.7e-133;

RESULT 41S
                                                                                                                                                                                                91.0%; Score 1644; DB 7;
89.1%; Pred. No. 4.5e-133;
                                                                                                                                                                                                                                              AAU79205 standard; protein; 381 AA.
Human Kruppel associated DNA binding protein 42.
WO200183541-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABJ20236 standard; protein; 345 AA.
Human IG gene related protein SEQ ID No 59.
WO200299040-A2.
                                                                                                                                                                                  (IMCR ) IMPERIAL CANCER RES TECHNOLOGY LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG63215 standard; protein; 376 AA.
Human neurotrimin protein +108bp isoform.
WO2003002765-A2.
                                                                                                            ADGG3213 standard; protein; 367 AA.
Human neurotrimin protein +69bp isoform.
WO2003002765-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADE83448 standard; protein; 345 AA.
Human Protein Q14982, SEQ ID NO 11043
                                                                                                                                                                                                                                                                                                                                                                                AAX57602 standard, protein, 313 AA.
Human protein SEQ ID NO:4.
WO9958668-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADI35772 standard; protein; 344 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       70.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  29-MAY-2003.
(INCY-) INCYTE GENOMICS INC.
Query Match
90.8%;
                             29-MAY-2003.
(INCY-) INCYTE GENOMICS INC.
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                               18-NOV-1999.
(ONOY ) ONO PHARM CO LID.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (EXEL-) EXELIXIS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity RESULT 417
                                                                          Best Local Similarity RESULT 413
                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity RESULT 416
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
                                                                                                                                                                                                             Best Local Similarity RESULT 414
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity
RESULT 420
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  03-JUL-2003.
(HYSE-) HYSEQ INC.
Human neurotrimin.
US2003100485-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Rat neurotrimin.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   US2003100485-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (NUVE-) NUVELO.
Query Match
                                                                                                                                                                09-JAN-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      13-MAY-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12-DEC-200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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RESULT 418
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O3-OCT-1996.
(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
ery Match 51.1%; Score 923.5; DB 2; Length 325;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 338;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 338;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 338;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 2; Length 338;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 335;
                                                                                                                                                                                                                                                                                                                                                                                            69.7%; Score 1259; DB 7; Length 345; 71.2%; Pred. No. 6.6e-100;
Score 1268; DB 7; Length 345;
Pred. No. 1.1e-100;
                                                                                                                                                                                       Length 345
                                                                 ADG63207 standard; protein; 345 AA.
Opioid-binding protein/cell adhesion molecule-like protein.
0020030002765-A2.
09-JAN-2003.
(IMCR ) IMPERIAL CANCER RES TECHNOLOGY LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAO19641 standard; protein; 335 AA.
Human limbic system associated membrane protein 36-85.
CN1345756-00.
42-APR-2002.
(SHAN-) SHANGHAI BIOWINDOW GENE DEV INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 51.6%; Score 932.5; DB 5; Best Local Similarity 53.9%; Pred. No. 9.2e-72; RESULT 425
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            51.3%; Score 926.5; DB 2; 55.1%; Pred. No. 3.1e-71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADL12675 standard; protein; 338 AA.
Human steroid-induced C3A liver cell protein #60
US6673549-B1.
                                                                                                                                                                             70.2%; Score 1268; DB 7; 71.2%; Pred. No. 1.1e-100;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            51.3%; Score 926.5; DB 2; 55.1%; Pred. No. 3.1e-71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 55.4%; Pred. No. 1.1e-71;
RESULT 426
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     51.6%; Score 931.5; DB 8, 55.4%; Pred. No. 1.1e-71;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          JT 428
AAW05154 standard; protein; 338 AA.
RAU LAMP residues 1-332.
W09630052-A1.
03-OCT-1996.
(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ABJ20235 standard; protein; 338 AA.
Human IG gene related protein SEQ ID No 58.
WO200299040-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            03-OCT-1996.
(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
                                                                                                                                                                                                                                                        ADE83446 standard; protein; 345 AA.
Rat Protein P32736, SEQ ID NO 11041.
WO2003016475-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAW05152 standard; protein; 325 AA.
Human LAMP residues 8-332.
WO9630052-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAW05153 standard; protein; 338 AA.
Rat LAMP residues 1-332.
WO9630052-A1.
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WO200122920-A2.
05-APR-2001.
(HUMA-) HUMAN GENOME SCI INC.
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                                                        Query Match
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(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
ery Match 49.0%; Score 885.5; DB 2; Length 287;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  48.4%; Score 873.5; DB 7; Length 203; 54.5%; Pred. No. 5.7e-67;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        49.4%; Score 893; DB 6; Length 383; 53.3%; Pred. No. 2.8e-68;
                                                                         Length 361;
                                                                                                                                                                                                                                                                                                                                                                   Length 315;
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                                                                                                                                                                                                                   Length 308;
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Oestrogen regulated protein like NOVX 25b protein.
WO2003083039-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAG75020 standard; protein; 326 AA.
Human colon cancer antigen protein SEQ ID NO:5784
                            03-OCT-1996.
(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
ery Match
for Tonal Similarity 51.7%; Pred. No. 4.9e-70;
                                                                                                                                                                        03-OCT-1996.
(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
ery Match
for Incral Similarity 56.3%; Pred. No. 1.1e-69;
                                                                                                                                                                                                                                                                                                                      03-OCT-1996.
(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
ery Match 50.2%; Score 907; DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             50.1%; Score 905; DB 2; 55.3%; Pred. No. 2e-69;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             49.9%; Score 902; DB 2; 55.5%; Pred. No. 3.5e-69;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      49.1%; Score 886.5; DB 2 56.6%; Pred. No. 6.9e-68;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABR39441 standard; protein; 383 AA.
Human GENSET polypeptide clone name SLAMP.
WO2003014151-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
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                                                                                                                       AAW05157 standard; protein; 308 AA.
Human LAMP residues 8-315.
WO9630052-A1.
                                                                                                                                                                                                                                                                    AAW05158 standard; protein; 315 AA.
Rat LAMP residues 1-315.
WO9630052-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                AAW05156 standard; protein; 310 AA.
Rat mature LAMP.
WO9630052-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAW05155 standard; protein; 304 AA. Human mature LAMP. W09630052-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAW05159 standard; protein; 287 AA.
Human LAMP residues 29-315.
WO9630052-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAW05160 standard; protein; 287 AA.
Rat LAMP residues 29-315.
WO9630052-Al.
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                                                                                 Best Local Similarity RESULT 431
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity RESULT 438
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Best Local Similarity
RESULT 432
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Best Local Similarity
RESULT 433
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Best Local Similarity
RESULT 434
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Rat LAMP clone 6c.
WO9630052-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         03-OCT-1996
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                                                                       Query Match
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47.2%; Score 852.5; DB 4; Length 326; 51.6%; Pred. No. 7.1e-65;
                                                                                                                                                                                                                                                                                                        vuery Match 45.6%; Score 823; DB 5; Length 354; Best Local Similarity 47.9%; Pred. No. 2.8e-62; RESULT 442
                                                                                                                                                           Length 354;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 823; DB 5; Length 354;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 354;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 354;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABOUS 3705 Standard; protein; 354 AA.

Novel human secreted and transmembrane protein PRO6004.
USO030456887-A1.
06-MAR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AB025183 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003040014-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ABU67301 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US20033032063-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABU72069 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2002177165-A1.
                                          AAB31212 standard; protein; 354 AA.
Amino acid sequence of human polypeptide PRO6004
WO200077037-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WOLOUGE
10-JAN-2002.
(INCY-) INCYTE GENOMICS INC.
(ELY MATCh 45.6%; Score 823; DB 5;
ery Match 47.9%; Pred. No. 2.8e-62;
                                                                                                                                                           Score 823; DB 4;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match 45.6%; Score 823; DB 6; Best Local Similarity 47.9%; Pred. No. 2.8e-62; RESULT 445
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           45.6%; Score 823; DB 6; 47.9%; Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity 47.9%; Pred. No. 2.8e-62; RESULT 448
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 823; DB 6;
Pred. No. 2.8e-62
                                                                                                                                                                                                                                                                                                                                                                               AAU83592 standard; protein; 354 AA.
Human PRO protein, Seq ID No 2.
WO200208288-A2.
31-JAN-2002.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                              ABP53580 standard; protein; 354 AA.
Human NOV12a protein SEQ ID NO:24.
WO200262999-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABU80739 standard; protein; 354 AA.
Human PRO polypeptide #1.
US2003036635-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADI28023 standard; protein; 354 AA
                                                                                                                                                         Query Match 45.6%;
Best Local Similarity 47.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 47.9%;
RESULT 443
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         45.6%;
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RESULT 446
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ECMCAD protein 7087904CD1. WO200202634-A2.
                                                                                                             21-DEC-2000.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                 15-AUG-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GENENTECH INC
            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity
RESULT 444
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Best Local Similarity
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Length 354;
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Novel human secreted and transmembrane protein PRO6004.
US2003069397-Al.
(GETH ) GENENTECH INC.
                                                                            ID ADB83492 standard; protein; 354 AA.

DE Novel human secreted and transmembrane protein PRO6004.

PN US2003073814-A1.

PD 17-APR-2003.

PA (GETH ) GENENTECH INC.

Query Match

Best Local Similarity 47.9%; Pred. No. 2.8e-62;

RESULT 459
                                                                                                                                                                                                             AUDSUDYB Standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003089068-A1.
                                                                                                                                                                                                                                                                                                                                                                          ADB73139 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003096968-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADB78221 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003092889-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADB77975 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003092886-A1.
                            Score 823; DB 7;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 45.6%; Score 823; DB 7;
Best Local Similarity 47.9%; Pred. No. 2.8e-62;
RESULT 461
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 823; DB 7;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 823; DB 7;
Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 823; DB 7;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                       Score 823; DB 7;
Pred. No. 2,8e-62
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADB87041 standard; protein; 354 AA. Human PRO polypeptide #1. US2003088667-A1. 08-MAY-2003. (GETH ) GENENTECH INC. GETH ) GENENTECH INC. Buery Match and Similarity 47.9$; Pred. Neel Local Similarity 47.9$; Pred. Neel Neel Local Similarity 47.9$;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADB84869 standard; protein; 354 AA.
Human PRO polypeptide #1.
US2003073817-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADB84623 standard, protein; 354 AA.
Human PRO polypeptide #1.
US2003092890-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           US20030>2..
15-MAY-2003.
(GETH ) GENENTECH INC.
***rch 45.6%; St
PA (GETH ) GENENTECH INC.
Query Match 45.6%;
Best Local Similarity 47.9%;
RESULT 458
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 47.9%;
RESULT 464
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PA (GETH ) GENENTECH INC.

QUETY MATCh

Best Local Similarity 47.9%;

RESULT 460
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity 47.9%;
RESULT 463
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 47.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         15-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                22-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
RESULT 465
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity RESULT 462
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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Human membrane bound receptor/protein PRO6004 amino acid sequence.
US2003065147-A1.
                                                                                                                                                                                                                                                                                                                                      45.6%; Score 823; DB 6; Length 354; 47.9%; Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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                                            Length 354;
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                                                                                      ABUG1170 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003032062-A1.
                                                                                                                                                                                                                                            ABU82048 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003088063-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABO34251 standard; protein; 354 AA.
Human secreted/transmembrane polypeptide PRO 6004.
US2003044934-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADA47302 standard; protein; 354 AA.
Human secreted/transmembrane polypeptide PRO6004
US2003044844-A1.
                                            Score 823; DB 6;
Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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47.9%; Pred. No. 2.8e-62;
                                                                                                                                                                                          Score 823; DB 6;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                          ABU79812 standard; protein; 354 AA.
Human secreted/transmembrane protein PRO6004.
US2003032057-A1.
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Human secreted/transmembrane protein PRO6004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABJ72228 standard; protein; 354 AA Human PRO6004 protein. US2003050448-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABJ72356 standard; protein; 354 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 47.9%;
RESULT 454
                                                                                                                                                                                          45.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      45.6%;
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Best Local Similarity 47.9%;
RESULT 455
                                            Query Match
Best Local Similarity 47.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        45.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity 47.9%; RESULT 453
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            06-FEB-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       US2003044902-A1.
06-MAR-2003.
(GETH ) GENENTECH INC.
                          (GETH ) GENENTECH INC.
                                                                                                                                                     13-FEB-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                 08-MAY-2003.
(GETH ) GENENTECH INC.
Query Match
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(GETH ) GENENTECH INC
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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US2003027988-Al.
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(GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 456
                                                                                                                                                                                                     Best Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
       28-NOV-2002
                                                                                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
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                                                                                                 A S S E C
                                                                                                                                                                                                                                                                                                                                                                                              A D D E D
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PDNE

Length 354;

Length 354;

Length 354;

Best

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Score 823; DB 8; Length 354;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                       ID ADDS0666 standard; protein; 354 AA.

BNOVEL human secreted and transmembrane protein PRO6004.

PN US2003105291-A1.

PD 05-JUN-2003.

PA (GETH) GENENTECH INC.

Query Match 45.6%; Score 823; DB 7; Length Best Local Similarity 47.9%; Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel human secreted and transmembrane protein PRO6004.
US2002092888-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADD50912 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003105290-A1.
05-JUN-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                Novel human secreted and transmembrane protein PRO6004 US2003088066-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AD51158 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003105289-A1.
                                                                                                   ADD06184 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 823; DB 7;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADG63811 standard; protein; 354 AA.
Human secreted/transmembrane polypeptide PRO6004
US2003170721-A1.
                                                              Best Local Similarity 47.9%; Fred. No. 2.8e-62; RESULT 476
                                                                                                                                                                                           Score 823; DB 7;
Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62,
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
                                                                                                                                                                                                                                               protein; 354 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADD50393 standard; protein; 354 AA.
Human PRO polypeptide #1.
US2003096971-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    protein; 354 AA
                                                                                                                                            PD 17-AFR-2003
PA (GETH) GENENTECH INC.
Query March
Best Local Similarity 47.9%;
                                                                                                                                                                                                                                                                                PD 08-MAY-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 47.9%;
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RESULT 480
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Best Local Similarity 47.9%;
RESULT 481
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Best Local Similarity 47.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human PRO polypeptide #1.
US2003096970-A1.
22-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11-SEP-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                                               ADC77703 standard;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADD50147 standard;
                                                                                                                                      US2003073816-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
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                                                                    Length 354;
                                                                                                                                                                                                        Length 354;
                                                                                                                                                                                                                                                                                                                                                  Score 823; DB 7; Length 354; Pred. No. 2.8e-62;
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(GETH ) GENENTECH INC.
45.6%; Score 823; DB 7; Length 354;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 354;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 354
                                                                                                     AUB/12893 Standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel human secreted and transmembrane protein PRO6004. US200980911-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADC47329 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003088072-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADC47074 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003105288-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADC49752 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003088064-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADC77949 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003096972-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADC40951 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003088070-A1.
                                                                  Score 823; DB 7;
Pred. No. 2.8e-62;
                                                                                                                                                                                                        Score 823; DB 7;
Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62
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Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                            protein; 354 AA.
                                                                                                                                                                                                                                                                                                                                                                                                  ADC21721 standard; protein; 354 AA
                                                                45.6%;
                                                                                                                                                                                                        45.6%;
                                                                                                                                                                                                                                                                                                                                                 45.68;
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Local Similarity 47.9%;
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Best Local Similarity 47.9%;
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Best Local Similarity 47.9%;
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Best Local Similarity 47.9%;
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Local Similarity 47.9%;
                                                                                                                                                                                                                                                        ADC36731 standard, protein
Human PRO polypeptide #1.
US2003088065-A1.
08-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                     Human PRO polypeptide #1.
US2003096969-A1.
Lery Match
Best Local Similarity 4
RESULT 467
ID ADB72893 stand>
DE Novel humar
PN US2003^C
PD 15-'
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               08-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                   15-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                        22-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           05-JUN-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    O8-MAY-2003.
GETH ) GENENTECH INC.
Query Match
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Best Local Similarity
RESULT 469
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local S
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RESULT 470

RESULT 471

RESULT 473

RESULT 474

Length 354;

Length 354;

Length 354

Length 354;

Length 354;

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Length 354;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 823; DB 8; Length 354;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 823; DB 8; Length 354;
Pred. No. 2.8e-62;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADD86753 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US20913100738 A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
                ADE20876 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003100735-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADD84927 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003100722-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADE20630 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003100734-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADD75695 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003100717-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel human secreted and transmembrane protein PRO6004 US2003096362-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match 45.6%; Score 823; DB 8;
Best Local Similarity 47.9%; Pred. No. 2.8e-62;
RESULT 489
                                                                                                                                                                                                                                                 Query Match 45.6%; Score 823; DB 8; Best Local Similarity 47.9%; Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                 Score 823; DB 8;
Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 823; DB 8;
Pred. No. 2.8e-62;
                                                                                                      Score 823; DB 8;
Pred. No. 2.8e-62
                                                                                                                                                       ADE05720 standard; protein; 354 AA.
Human PRO polypeptide #1.
US2003100728-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                     RESULT 487

ID ADD74949 standard; protein; 354 AA, DE Human PRO polypeptide #1.
PN US2003100712-A1.
PD 29-MAY-2003.
PA (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADE38927 standard; protein; 354 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADE05474 standard; protein; 354 AA.
Human PRO polypeptide #1.
US2003100727-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ...and; protein;
...an secreted and tra
29-MAY.2003.

PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 47.9%; Pre-
RESULT 490
ID ADD86753 standard; pro-
PD Novel human secre-
PD 19-May.
                                                                                                 Best Local Similarity 47.9%;
RESULT 486
                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 47.9%;
RESULT 488
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RESULT 494
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Best Local Similarity 47.9%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                   29-MAY-2003.
(GETH ) GENENTECH INC
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(GETH ) GENENTECH INC
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Best Local Similarity
RESULT 491
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RESULT 485
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Ouery Match 45.6%; Score 823; DB 8; Length 354; Best Local Similarity 47.9%; Pred. No. 2.8e-62; RESULT 503
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Novel human secreted and transmembrane protein PRO6004.
US2003100733-A1.
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Novel human secreted and transmembrane protein PRO6004
US2003100718-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                   ADD78299 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003100737-A1.
                                                                                                                                                                                                                                                                                                       ADE21122 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003100736-A1.
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(GETH ) GENENTECH INC.
Hery Match 45.6%; Score 823; DB 8;
Hery Match 47.9%; Pred. No. 2.8e-62;
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29-WAY-2003.
(GETH ) GENENTECH INC.
16-TY MATCh 45.6%; SCORE 823; DB 8;
16-TY MATCh 47.9%; Pred. No. 2.8e-62;
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US2003100708-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
45.6%; Score 823; DB 8; BY Local Similarity 47.9%; Pred. No. 2.8e-62;
                                                                                              Score 823; DB 8;
Pred. No. 2.8e-62;
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Best Local Similarity 47.9%; Pred. No. 2.8e-62; RESULT 496
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match 45.6%; Score 823; DB 8; Best Local Similarity 47.9%; Pred. No. 2.8e-62; RESULT 498
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 823; DB 8;
Pred. No. 2.8e-62;
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Pred. No. 2.8e-62,
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ADD73459 standard; protein; 354 AA.
Human PRO polypeptide #1.
US2003100711-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADD73965 standard; protein; 354 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADD85433 standard; protein; 354 AA.
                                                                                              45.6%;
47.9%;
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Best Local Similarity 47.9%;
RESULT 499
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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RESULT 497
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RESULT 500
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RESULT 502
                                                                                                          Best Local Similarity RESULT 495
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Length 354;
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Novel human secreted and transmembrane protein PRO6004.
US2003100721-A1.
29-MAY-2003.
                                                                                                                                                                                                                                                                                                                                                   ADD76739 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003100715-A1.
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Novel human secreted and transmembrane protein PRO6004.
US2003100729-A1.
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ADD85187 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
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Novel human secreted and transmembrane protein PRO6004
US2003100719-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADD77975 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US200310731-A1.
29-MAX-2003.
(GETH ) GENENTECH INC.
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Novel human secreted and transmembrane protein PRO6004
US2003100730-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADB41225 standard; protein; 354 AA.
Human secreted/transmembrane polypeptide PRO6004.
US2003104558-A1.
05-JUN-2003.
                                                          Score 823; DB 8;
Pred. No. 2.8e-62;
                                                                                                                                                                                     Score 823; DB 8;
Pred. No. 2.8e-62;
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Best Local Similarity 47.9%; Pred. No. 2.8e-62;
RESULT 507
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
                                                                                                     ADE04982 standard, protein, 354 AA Human PRO polypeptide #1.
US2003100726-A1.
GS-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                              ADD75195 standard; protein; 354 AA
                                                         Best Local Similarity 47.9%;
RESULT 504
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Local Similarity 47.9%;
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Best Local Similarity 47.9%;
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US2003100714-A1.
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(GETH ) GENENTECH INC.
                                            GENENTECH INC
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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RESULT 509
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                                               (GETH )
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RESULT 510
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RESULT 511
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RESULT 505
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Length 354;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADD85679 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US2003100720-A1.
                                                                                                                                                                                                                                                                                                                                                                         AUD/6985 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004.
US200100116-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADG05515 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003096959-A1.
22-MAY-2003.
(GETH ) GENENTECH INC.
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Novel human secreted and transmembrane protein PRO6004
US2003096967-A1.
                                                    45.6%; Score 823; DB 8; 47.9%; Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Best Local Similarity 47.9%; Pred. No. 2.8e-62;
RESULT 519
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Pred. No. 2.8e-62;
                                                                                                                                                                                               Score 823; DB 8;
Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
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Pred. No. 2.8e-62;
                                                                                              Human PRO polypeptide #1.
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192003100724-A1.
                                                                                                                                                                                                                                         ADD74457 standard; protein; 354 AA. ADD74457 standard; protein; 354 AA. Human PRO polypeptide #1. US2003100713-A1. C39-MAY-2003. (GETH ) GENENTECH INC.
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Human PRO polypeptide #1.
US2003100723-A1.
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Human PRO polypeptide #1.
US2003096962-A1.
                                                                                                                                                                                        Query Match
Best Local Similarity 47.9%;
RESULT 514
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RESULT 515
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Best Local Similarity 47.9%;
RESULT 521
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Best Local Similarity 47.9%;
RESULT 517
US2003100725-A1.
29-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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RESULT 518
                                                                 Best Local Similarity RESULT 513
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RESULT 520
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(GETH ) GEN
                                                      Query Match
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(GETH ) GENENTECH INC.
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                                      Length 354;
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                                                                                       ADG11911 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003096963-A1.
                                                                                                                                                                                                                                    ADF94468 standard, protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003096964-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADG33998 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2004006206-A1.
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Novel human secreted and transmembrane protein PRO6004.
US2003.096961.A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADH38908 standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2003096965-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADG63659 standard; protein; 354 AA.
Human secreted/transmembrane polypeptide PRO6004
US2003180796-A1.
                                      Score 823; DB 8;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match 45.6%; Score 823; DB 8;
Best Local Similarity 47.9%; Pred. No. 2.8e-62;
RESULT 526
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Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 823; DB 8;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            45.6%; Score 823; DB 8; 47.9%; Pred. No. 2.8e-62;
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                                                                                                                                                                                  Score 823; DB 8;
Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                                                                                                                  ADG06564 standard; protein; 354 AA.
Human PRO polypeptide #1.
US2003096966-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADH69562 standard, protein; 354 AA. Human PRO polypeptide #1. US2004019183-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADI33468 standard; protein; 354 AA.
Human PRO polypeptide #1.
US2003096960-A1.
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RESULT 529
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RESULT 523
                                  Query Match
Best Local Similarity 47.9%;
RESULT 522
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RESULT 524
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Beet Local Similarity 47.9%;
RESULT 528
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(GETH ) GENENTECH INC.
22-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                22-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          22-MAY-2003
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RESULT 525
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Length 354;
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             Length 354;
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                                                            ADMANIA Standard; protein; 354 AA.
Novel human secreted and transmembrane protein PRO6004
US2004044179-A1.
04-MAR-2004.
(GETH ) GENENTECH INC.
ery Match
st Local Similarity 47.9%; Pred. No. 2.8e-62;
                                                                                                                                                                                                                                                                                    Best Local Similarity 47.9%; Score 823; DB 8; RESULT 53

ID ADS82050 standard; protein; 354 AA.

BN WO2004035789-A1.
Query Match 45.6%; Score 823; DB 8; Best Local Similarity 47.9%; Pred. No. 2.8e-62; RESULT 531
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Best Local Similarity 47.9%; Pred. No. 2.8e-62;
RESULT 534
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 45.5%; Score 822; DB 5; 47.9%; Pred. No. 3.4e-62;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     DB 7;
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Pred. No. 6.1e-62;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADB64811 standard; protein; 354 AA.
Human protein encoded by clone OCBBF20110210.
EP1308459-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAB44331 standard; protein; 352 AA.
Human PR04993 protein sequence SEQ ID NO:612.
WO200053756-A2.
14-SEP-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABJ20234 standard; protein; 348 AA.
Human IG gene related protein SEQ ID No 57.
WO200299040-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABJ20233 standard; protein; 348 AA.
Human IG gene related protein SEQ ID No 56.
WO200299040-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABB98407 standard, protein; 354 AA.
Human NOV6, KILON-like protein.
NW200255704-A2.
18-JUL-2002.
A (CURA-) CURAGEN CORP.
Ouery Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABP53581 standard; protein; 354 AA.
Human NOV12b protein SEQ ID NO:26.
WO200262999-A2.
                                                                                                                                                                                                                     protein; 354 AA.
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                                                                                                                                                                                                                                     Human PRO polypeptide #1.
US2004044180-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                         29-APR-2004.
(GLDS ) LG LIFE SCI LTD.
                                                                                                                                                                                                                                                                          04-MAR-2004.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               15-AUG-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12-DEC-2002.
(EXEL-) EXELIXIS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12-DEC-2002. (EXEL-) EXELIXIS INC.
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Best Local Similarity
RESULT 537
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RESULT 532
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RESULT 535
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RESULT 539
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RESULT 541

RESULT 542

RESULT 543

us-09-978-544a-523.rag.spdi

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Best Local Similarity 47.5%; Pred. No. 1.3e-61; RESULT 549
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10-APR-2003.
(GETH ) GENENTECH INC.
45.1%; S'
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RESULT 552
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                                                                                                                    45.1%;
                                                                                     06-MAR-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 554
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RESULT 556
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RESULT 551
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RESULT 553
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Best Local Similarity
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                     Length 352;
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                                                                ABO25277 standard; protein; 352 AA.
Novel human secreted and transmembrane protein PRO4993
US2003050239-A1.
                                                                                                                                                                                              ABU72283 standard; protein; 352 AA.
Novel human secreted and transmembrane protein PRO4993
US2002192706-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADA25150 standard; protein; 352 AA. Novel human secreted and transmembrane protein PRO4993 US2003050241-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABO19732 standard; protein; 352 AA.
Novel human secreted and transmembrane protein PRO4993
US2003050240-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABO19623 standard; protein; 352 AA. Novel human secreted and transmembrane polypeptide #91
                                                                                                                                                                                                                                                                                                                            ABU09489 standard; protein; 352 AA.
Human secreted and transmembrane PRO polypeptide #39
US2002177553-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADA12812 standard; protein; 352 AA.
Human secreted/transmembrane polypeptide PRO4993.
US2003055216-A1.
                     45.1%; Score 815; DB 3; 47.5%; Pred. No. 1.3e-61;
                                                                                                                                                  45.1%; Score 815; DB 6; 47.5%; Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Human secreted/transmembrane protein PRO4993.
US2003004102-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABUG1161 standard, protein, 352 AA.
Human PRO4993 polypeptide.
US2002169284-A1.
14-NOV-2002.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                               45.1%;
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Best Local Similarity 47.5%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
   (GETH ) GENENTECH INC
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                              Best Local Similarity
RESULT 540
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Best Local Similarity
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Best Local Similarity
RESULT 546
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RESULT 545

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Length 352;
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                                                                                                                       Score 815; DB 7;
Pred. No. 1.3e-61;
                                                                                                                                                                                                                                                                                           Score 815; DB 7;
Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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                                                                                                                                                                                                                                                                                                                                                  ADC44260 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003054986-A1.
(GBTH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADC63984 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003054405-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADC62020 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003049684-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADC67084 standard; protein; 352 AA.

Human secreted/transmembrane protein, PRO4993.
US2003060406-A1.
27-MAR-2003.
6TH J GENENTECH INC.
6TY Match
6TY Match
85.1%; Score 815; DB 7;
st Local Similarity 47.5%; Pred. No. 1.3e-61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADC68333 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003069178-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADC69208 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993
US2003064407-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADC63268 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993
US2003068648-A1.
Human PRO polypeptide #91.
06-MAR-2003
                                                                                                                                                                                 ADB76834 standard, protein, 352 AA.
Human PRO polypeptide #91.
US2003083248-A1.
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Length 352;
                                                                     Length 352;
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PA (GETH) GENENTECH INC.

Query Match 45.1%; Score 815; DB 7;

Best Local Similarity 47.5%; Pred. No. 1.3e-61;

RESULT 569
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PA (GETH) GENENTECH INC.
Query Match 45.1%; Score 815; DB 8;
Best Local Similarity 47.5%; Pred. No. 1.3e-61;
RESULT 573
                                                                   Score 815; DB 7;
Pred. No. 1.3e-61;
                                                                                                                                                                                                                                                                                       Query Match 45.1%; Score 815; DB 7; Best Local Similarity 47.5%; Pred. No. 1.3e-61;
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Best Local Similarity 47.5%; Pred. No. 1.3e-61;
RESULT 571
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PD 24-APR-2003.
PA (GETH ) GENENTECH INC.
Ouery Match
Best Local Similarity 47.5%; Pred. No. 1.3e-61;
RESULT 57.2
ADE17438 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003203433-A1.
GEOCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                ADG53209 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003216561-A1.
                                                                                                                                                                                                                                                                                                                             A 20060529 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003206915-A1.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                            ADI61289 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003077700-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADE48946 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003104536-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human secreted/transmembrane protein, PRO4993.
US2003130181-A1.
                                                                                                                        Human secreted/transmembrane protein, PRO4993 US2003195333-A1.
                                                                                                           ADF47452 standard; protein; 352 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADE90047 standard; protein; 352 AA
                                                                45.18;
                                                                                                                                                                                                                                                              20-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GERBER H.
GERRITSEN M E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GODDARD A.
GODOWSKI P J.
GORNWEY B J.
GURNEY A L.
HILLAN K J.
KILJAVIN I J.
KUO S S.
NAPIER A A.
PANJI N F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (ASHK/) ASHKENAZI A J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      BAKER K P.
BOTSTEIN D.
DESNOYERS L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EATON D L.
FERRARA N.
FILVAROFF E.
                                                                               Best Local Similarity RESULT 568
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FONG S.
GAO W.
                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (GAOM/
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Query Match
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Pred. No. 1.3e-61;
                                                                                                Score 815; DB 8;
Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
                                                                                                                                                                                                                                                                         ADF40379 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003198994-A1.
3-OCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                            ADF61687 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003195345-A1.
                                                                                                                                                                                                                                                                                                                                                                                                        ADF46175 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003195148-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADF24571 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003204055-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADF41003 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003199021-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADF23947 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003203402-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADF33930 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003194780-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADF27397 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003199436-A1.
                                                                                                45.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       45.18;
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Best Local Similarity 47.5%;
RESULT 582
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 47.5%;
(ROYM) ROY M A.
(SHEL/) SHELTON D L.
(STEW/) STEWART T A.
(TUMA/) TUMAS D.
(WILL/) WILLIAMS P M.
(WOOD/) WOOD W I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   16-OCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                             16-OCT-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC
                                                                                                                                                                                                                          Query Match
Best Local Similarity
RESULT 575
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
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Best Local Similarity
RESULT 574
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Best Local S
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RESULT 577
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RESULT 580
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RESULT 581
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vuery Match 45.1%; Score 815; DB 8; Length 352;
Best Local Similarity 47.5%; Pred. No. 1.3e-61;
RESULT 587
                                                                                             Length 352;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
                                                                                             Score 815; DB 8;
Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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45.1%; Score 815; DB 8;
Best Local Similarity 47.5%; Pred. No. 1.3e-61;
RESULT 589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 815; DB 8;
Pred. No. 1.3e-61;
ADF28033 standard; protein; 352 AA.
Human secreted/rransmembrane protein, PRO4993.
23-0CT-2003.
CGTH ) GENENTECH INC.
45.1$; Score 815; DB 8; t Local Similarity 47.5$; Pred. No. 1.3e-61
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADF25672 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003211092-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADF34562 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003194410-A1.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADP46799 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003195344-A1.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                 ADF33306 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003211091-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADF26773 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003199674-A1.
                                                                                                                                                  Aurales/ Standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADGSO'85 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993
US2003207803-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADG50161 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003215905-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADG52033 standard; protein; 352 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US200321.
13-NOV-2003.
(GETH ) GENENTECH INC.
45.1%; Sr
                                                                                                                                                                                                                                              45.1%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh

BEST Local Similarity 47.5%;

RESULT 585
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RESULT 591
                                                                                                                                                                                   US2003199435-A1.
23-OCT-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                         Query Match
Best Local Similarity
RESULT 583
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RESULT 586
                                                                                                                                                                                                                                                              Best Local Similarity RESULT 584
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RESULT 590
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WO9630052-A1.
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ry Match 44.1%; Score 796.5; DB 2; Length 252;
t Local Similarity 56.9%; Pred. No. 3.4e-60;
                                                              Length 352;
                                                                                                                                                                                                                                                                                                                   Length 352;
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                                                              Score 815; DB 8;
Pred. No. 1.3e-61;
                                                                                                                                                                                          Score 815; DB 8;
Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
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Pred. No. 1.3e-61;
                                                                                                                                                                                                                                                                                                                                                            DDG51409 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2004005312-A1.
(GETH ) GENENTECH INC.
                                                                                                         ADG49537 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003216305-A1.
                                                                                                                                                                                                                                     ADG48913 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2003216560-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADG59353 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2004005657-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADG62809 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2004006219-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADMI7611 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2004048332-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADL07445 standard; protein; 352 AA.
Human secreted/transmembrane protein, PRO4993.
US2004063921-A1.
Human secreted/transmembrane protein, PRO4993
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAW05167 standard; protein; 252 AA.
Human LAMP residues 46-294.
WO9630052-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAW05168 standard; protein; 252 AA.
Rat LAMP residues 46-294.
                                                             45.1%;
                                                                                                                                                                                         45.18;
                                                                                                                                                                                                                                                                                                                   45.1%;
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Best Local Similarity 47.5%;
RESULT 598
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Best Local Similarity 47.5%;
RESULT 597
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          47.58;
                                                                                                                                                                                                                                                                                                                                                                                     08-JAN-2004.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           08-JAN-2004.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                11-MAR-2004.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2004.

LH All.

LY Match
Best Local Similarity A
RESULT 599
ID AAW03167 standar
DE Human LAMP
PN W09630r
PD 03-7
             US2003215908-A1.
20-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                   20-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01-APR-2004.
(GETH ) GENENTECH INC.
Query Match
                                                                                                                                                                          (GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
RESULT 594
ID ADC51409 standard, pro
DE Human secreted/transm
PN US2004005312-A1.
PD 08-JAN-2004.
PA (GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity RESULT 596
                                                                     Best Local Similarity RESULT 592
                                                                                                                                                                                                    Best Local Similarity RESULT 593
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
RESULT 600
                                                                                                                                                           20-NOV-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                              Query Match
                                                                                                                                                                                          Query Match
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Execute vol.

ID ABG96271 standard; protein; 336 AA.

DE Human immunoglobulin superfamily protein IGSFP-9.

PN W020072794-A2.

PD 19-SEP-2002.

PA (INCY-) INCYTE GENOMICS INC.

Query Match

Best Local Similarity 50.6%; Pred. No. 3.9e-57;

RESULT 602

ID AAE29924 standard; protein; 336 AA.

DE Human LD289 protein.

PN W0200274996-A2.

PD 26-SEP-2002.

PD 26-SEP-2002.

PA (ELIL) ILILIY & CO ELI.

PA (LANGER) 336;

PA (LANGER) 336;
                                                    Length 252;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 336;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 306;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 336;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 344;
                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 336;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 336;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 325;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADH71418 standard; protein; 336 AA.
Human protein of the invention NOV11q SEQ ID NO:314,
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADH71412 standard; protein; 336 AA.
Human protein of the invention NOV11n SEQ ID NO:308
W02003102155-A2.
11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADH71414 standard; protein; 336 AA.
Human protein of the invention NOV110 SEQ ID NO:310.
MOSO3102155-A2.
11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADH71388 standard, protein, 344 AA.
Human protein of the invention NOV11b SEQ ID NO:284
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AUNITY Standard; protein; 325 AA. Human protein of the invention NOV11c SEQ ID NO:286. W02001102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADH71402 standard; protein; 307 AA.
Human protein of the invention NOV11i SEQ ID NO:298.
WO2003102155-A2.
03-0CT-1996.
(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
ERY MATCh 44.0%; Score 795.5; DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                vuery Match
Best Local Similarity 50.6%; Pred. No. 3.9e-57;
RESULT 604
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   vuery Match
42.2%; Score 763; DB 8;
Best Local Similarity 50.6%; Pred. No. 3.9e-57;
RESULT 606
                                                                                                                                                                                                                                                                                                                                                                                                                                       42.2%; Score 763; DB 6; 50.6%; Pred. No. 3.9e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 42.2%; Score 763; DB 8;
Best Local Similarity 50.6%; Pred. No. 3.9e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 50.6%; Pred. No. 4e-57;
RESULT 607
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   42.2%; Score 762; DB 8; 50.5%; Pred. No. 4.5e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (ELL) LILLY & CO ELI.

Query Match
42.1%; Score 761; DB 6;
Best Local Similarity 52.5%; Pred. No. 5.1e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAE30252 standard; protein; 306 AA.
Human LP289 mature protein #1.
w0200274906-A2.
26-SEP-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 609
                                                                     Best Local Similarity RESULT 601
                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity RESULT 603
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
RESULT 608
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Human NOVX polypeptide #12.
US2003207800-A1.
                                                                                                                                                                                                                                                                                             vuery match 42.1%; Score 761; DB 8; Length 309; Best Local Similarity 52.5%; Pred. No. 5.1e-57; RESULT 612
                                                                                                                                                                                                                                                                                                                                                                                                                                   vuery Match 42.1%; Score 761; DB 6; Length 314;
Best Local Similarity 52.5%; Pred. No. 5.3e-57;
RESULT 613
                                     Length 307;
                                                                                                                                                                         Length 309;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match 42.1%; Score 761; DB 5; Length 319; Best Local Similarity 52.5%; Pred. No. 5.4e-57; RESULT 615
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 319;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  42.1%; Score 761; DB 7; Length 319; 52.5%; Pred. No. 5.4e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 315;
                                                                                  ADH71410 standard; protein; 309 AA.
Human protein of the invention NOV11m SEQ ID NO:306.
MOSO3102155-A2.
11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADH71394 standard, protein; 315 AA.
Human protein of the invention NOV11e SEQ ID NO:290.
W02003102155-A2.
I1-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                    ADH71406 standard; protein; 309 AA.
Human protein of the invention NOV11k SEQ ID NO:302
WO2003102155-A2.
                                   42.1%; Score 761; DB 8; 52.5%; Pred. No. 5.1e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         42.1%; Score 761; DB 8; 52.5%; Pred. No. 5.3e-57;
                                                                                                                                                                       42.1%; Score 761; DB 8; 52.5%; Pred. No. 5.1e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 42.1%; Score 761; DB 5;
Best Local Similarity 52.5%; Pred. No. 5.4e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABG94636 standard; protein; 319 AA. Human NOV5a protein. WO200266643-A2. CURA-) CURACHO CORP.
                                                                                                                                                                                                                                                                                                                                                           AAE30253 standard; protein; 314 AA.
Human LP289 mature protein #2.
WO200274906-A2.
26-SEP-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABG94637 standard; protein; 319 AA. Human NOV5b protein. WO200266643-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADL35977 standard; protein; 319 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADL35979 standard; protein; 319 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human NOVX polypeptide #11
                                                                                                                                                                                                                                                                                                                                                                                                                                 (ELIL ) LILLY & CO ELI.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SHENOY S G.
SPYTEK K A.
ZERHUSEN B D.
PATTURAJAN M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          GANGOLLI E A.
SHIMKETS R A.
TAUPIER R J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (MALY/) MALYANKAR U M.
                                                                                                                                                                                                                                                                      11-DEC-2003.
(CURA-) CURAGEN CORP.
11-DEC-2003.
(CURA-) CURAGEN CORP.
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            29-AUG-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity RESULT 617
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                            Best Local Similarity RESULT 610
                                                                                                                                                                              Best Local Similarity RESULT 611
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (PADI/) PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GUO X.
KEKUDA R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US2003207800-A1.
                                                                                                                                                                         Query Match
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(ZERH/)
(PATT/)
(GUOX/)
(KEKU/)
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Query Match 42.1%; Score 761; DB 8; Length 319; Best Local Similarity 52.5%; Pred. No. 5.4e-57; RESULT 619
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 42.1%; Score 760; DB 8; Length 336; Best Local Similarity 50.6%; Pred. No. 7e-57; RESULT 624
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    41.9%; Score 757; DB 5; Length 307; 52.5%; Pred. No. 1.1e-56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 42.1%; Score 761; DB 8; Length 325;
Best Local Similarity 52.5%; Pred. No. 5.5e-57;
                                                                                                                                                                                                                                         Length 319;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 319;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 320;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human protein of the invention NOV11g SEQ ID NO:294 WOR00310215-A2.
11-DEC-2003.
IT OURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADH71386 standard; protein; 336 AA.
Human protein of the invention NOV11a SEQ ID NO:282.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                              ADH71400 standard; protein; 319 AA.
Human protein of the invention NOV11h SEQ ID NO:296
WO2003102155-A2.
11-DEC-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADH71396 standard, protein; 319 AA.
Human protein of the invention NOV11f SEQ ID NO:292
W02003102155-A2.
Il-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADH71416 standard; protein; 320 AA.
Human protein of the invention NOV11p SEQ ID NO:312
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADH71422 standard; protein; 336 AA.
Human protein of the invention NOV11s SEQ ID NO:318.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 42.1%; Score 761; DB 8; Best Local Similarity 52.5%; Pred. No. 5.4e-57; RESULT 621
                                                                                                                                                                                                                                       42.1%; Score 761; DB 7; 52.5%; Pred. No. 5.4e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         42.1%; Score 761; DB 8; 52.5%; Pred. No. 5.4e-57;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      protein; 307 AA.
MALYANKAR U M.
SHENOY S G.
SPYTEK K A.
ZERHUSEN B D.
PATTURAJAN M.
                                                                                              GUO X.
KEKUDA R.
GANGOLLI E A.
SHIMKETS R A.
TAUPIER R J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  29-AUG-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Human NOV5c protein.
WO200266643-A2.
                                                                                                                                                                                                                                                     Best Local Similarity RESULT 618
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 620
                                                                                                                                                                           (TAUP/) TAUPIER R J
(LILL/) LI L.
(PADI/) PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABG94638 standard;
                                                                                                                                                                                                                                       Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
  (MALY/)
(SHEN/)
                                                                                                                                         (GANG/)
                                                           ZERH/)
                                                                                 (PATT/)
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Query Match
40.2%; Score 726; DB 5;
Beet Local Similarity 50.5%; Pred. No. 6e-54;
RESULT 633
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABP66840 standard; protein; 281 AA.
Human polypeptide SEQ ID NO 561.
US2002090672-A1.
                                                                                 ABG94639 standard; protein; 336 AA.
Human NOV5d protein.
WO200266643-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADL35983 standard; protein; 336 AA
(SMIK ) SMITHKLINE BEECHAM PLC. (GLAX ) GLAXO GROUP LID.
                                                                                                                                                                  Query Match 39.9%;
Best Local Similarity 50.5%;
RESULT 634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      39.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human NOVX polypeptide #14.
US2003207800-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MALYANKAR U M.
SHENOY S G.
SPYTEK K A.
ZERHUSEN B D.
                                                                                                                                                                                                                                                                     11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   KEKUDA R.
GANGOLLI E A.
SHIMKETS R A.
TAUPIER R J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                    29-AUG-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              11-JUL-2002.
(ROSE/) ROSEN C A.
(RUBE/) RUBEN S M.
(BARA/) BARASH S C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
RESULT 638
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity
RESULT 636
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity
RESULT 637
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (LILL/) LI L.
(PADI/) PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GUO X
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  06-NOV-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (MALY/)
(SHEN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (GANG/)
(SHIM/)
(TAUP/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (PATT/)
(GUOX/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (SPYT/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (ZERH/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (KEKU/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 PD 26-SEP-2002.

PD 26-SEP-2002.

PA (ELIL) LILLY & CO ELI.

Query Match
Best Local Similarity 54.1%; Score 752.5; DB 6; Length 291;
RESULT 630

ID AAE30255 standard; protein; 292 AA.

PD Human LP289 mature protein #4.

PD 26-SEP-2002.

PA (ELIL)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity 54.1%; Score 752.5; DB 6; Length 284;
Best Local Similarity 54.1%; Pred. No. 2.5e-56;
RESULT 628.

DE Human LP289 mature protein; 291 AA.

DE Human LP289 mature protein #5.

PD 6-SEP-2002.

PD 6-SEP-2002.

PA (ELIL ) LILLY & CO ELI.
                                                                                                                                                                                                                                                                                                                                        29-APR-2004.

(FIVE.) FIVE PRIME THERAPEUTICS INC.
Query Match
A1.7%; Score 752.5; DB 8; Length 278;
Best Local Similarity 54.1%; Pred. No. 2.4e-56;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / Match 41.7%; Score 752.5; DB 6; Length 292; Local Similarity 54.1%; Pred. No. 2.6e-56;
                                                                                                                                                                                                                       vuery Match 41.9%; Score 757; DB 8; Length 336; Beet Local Similarity 50.3%; Pred. No. 1.3e-56; RESULT 627
                                                                                                    Length 319;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 305;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAU84386 standard; protein; 336 AA.
Novel human secreted or membrane-associated protein #25.
W202024600-A2.
17.-JAN-2002.
(SMIK ) SMITHKLINE BEECHAM CORP.
               ADH71404 standard, protein; 319 AA.
Human protein of the invention NOV11j SEQ ID NO:300.
WO2003102155-A2.
                                                                                                                                               ADH71420 standard; protein; 336 AA.
Human protein of the invention NOV11r SEQ ID NO:316.
Human protein of the invention NOV11r SEQ ID NO:316.
11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                        vuery Match
Best Local Similarity 52.5%; Pred. No. 1.2e-56;
RESULT 626
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 727; DB 7;
Pred. No. 4.3e-54;
                                                                                                                                                                                                                                                                                   ADP29916 standard; protein; 278 AA.
Human secreted protein SEQ ID #683.
WO2004035732-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                         AAE30254 standard; protein; 284 AA.
Human LP289 mature protein #3.
WO200274906-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADL35981 standard; protein; 305 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            40.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human NOVX polypeptide #13
US2003207800-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (MALY) MALYANKAR U M.
(SHEN/) SHENOY S G.
(SPYT/) SPYTEK K A.
(ZERH/) ZERHUSEN B D.
(FATT/) PATTURAJAN M.
(GUOX/) GUO X.
(KEWU/) KEKUDA.
(GANG/) GANGOLLI E A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           26-SEP-2002.
(ELIL ) LILLY & CO ELI.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (ELIL) LILLY & CO ELI. ry Match 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GANGOLLI E A.
SHIMKETS R A.
TAUPIER R J.
                                                                 11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
RESULT 632
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (LILL/) LI L.
(PADI/) PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          06-NOV-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (SHIM/)
(TAUP/)
RESULT 625
                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 628
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Loca
RESULT 631
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4; Length 281;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 253;
                                                                                                                                                                                                                                                                                                                                                      Query Match 39.9%; Score 721; DB 8; Length 336; Best Local Similarity 50.5%; Pred. No. 1.6e-53; RESULT 635
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 336;
5; Length 336;
                                                                                                                                                                                    Length 336;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAU84385 standard; protein; 351 AA.

Novel human secreted or membrane-associated protein #24.
WC200204600-A2.
17-JAN-2002.
(SMIX ) SMITHKLINE BEECHAM CORP.
(SMIX ) SMITHKLINE BEECHAM PLC.
(GLAX ) GLAXO GROUP LTD.
                                                                                                                                                                                                                                                     ADH71408 standard; protein; 336 AA.
Human protein of the invention NOV111 SEQ ID NO:304
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADH71392 standard; protein; 253 AA.
Human protein of the invention NOV11d SEQ ID NO:288
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 38.1%; Score 687.5; DB 8;
Best Local Similarity 55.6%; Pred. No. 8.5e-51;
RESULT 639
                                                                                                                                                                                                                                                                                                                                                                                                                                              ABB10253 standard; protein; 281 AA.

Human cDNA SEQ ID NO: 561.

W0200154747-A2.
02-AUG-2001.

(HUMA) HUMAN GENOME SCI INC.

ery Match

st Local Similarity 50.4%; Pred. No..1.4e-53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 712; DB 7;
Pred. No. 9.7e-53;
                                                                                                                                                                                    Score 721; DB 5;
Pred. No. 1.6e-53;
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Best Local Similarity 43.4%; Pred. No. 4.4e-36; RESULT 649
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29.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 54.1%;
RESULT 652.
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Best Local Similarity
RESULT 657
ID ADS10481
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(PEKE ) PE CORP NY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 656
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(NUVE-) NUVELO INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  29-APR-2004.
(FIVE-) FIVE PRIME THERAPEUTICS INC.
(FIVE-) FIVE PRIME THERAPEUTICS INC.
33.2%; Score 599.5; DB 8; Length 222;
           Score 681.5; DB 5; Length 351; Pred. No. 4.4e-50;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               29.1%; Score 525.5; DB 7; Length 872;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 4; Length 130;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 872;
                                                                                                                                                                                                                                    33.4%; Score 603; DB 4; Length 141; 86.6%; Pred. No. 7.5e-44;
                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 6; Length 294;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 286;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 234;
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Novel protein-related contig polypeptide sequence #60.
WO2003054152-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 4;
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(ELIL ) LILLY & CO ELI.
rry Match
... aimilarity 45.0%; Pred. No. 3.6e-43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 527; DB 6;
Pred. No. 5.4e-37;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 569.5; DB 4 Pred. No. 5.2e-41;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                29.1%; Score 525.5; DB 4 43.4%; Pred. No. 4.4e-36;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 527; DB 6;
Pred. No. 6.1e-37;
                                                                                                                                                                                                                                                                                                                                                                                   Worver...
26-SEP-2002.
(ELIL ) LILLY & CO ELI.
Hery Match 33.4%; Score 603; DB 6;
Hery Match 45.0%; Pred. No. 2e-43;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAE30269 standard; protein; 234 AA.
Human LP319b protein mature sequence #2.
WO200274906-A2.
                                                                                       ABG13848 standard; protein; 141 AA.
Novel human diagnostic protein #13839.
W0200175067-A2.
11-OCT-2001.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ABG13847 standard; protein; 130 AA.
Novel human diagnostic protein #13838.
WO200175067-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ABG13816 standard; protein; 872 AA.
Novel human diagnostic protein #13807.
WO200175067-A2.
                                                                                                                                                                                                                                                                                                                   AAE30271 standard; protein; 294 AA. Human LP319b protein variant #2. WO200274906-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAE30270 standard, protein, 286 AA.
Human LP319b protein variant #1.
WO200274906-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADP29917 standard; protein; 222 AA.
Human secreted protein SEQ ID #684.
WO2004035732-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAE29927 standard; protein; 256 AA.
Human LP319b protein.
WO200274906-A2.
        37.7%;
50.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 31.5%;
88.9%;
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Best Local Similarity 53.2%;
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26-SEP-2002.
(ELIL) LILLY & CO ELI.
29.
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     Query Match
Best Local Similarity
RESULT 640
ID ABG13848 standard, pi
DE Novel human diagnost;
PP WG2017566-A2.
PD 11-CCT-2001.
PA (HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
RESULT 642
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Best Local Similarity
RESULT 648
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                                                                                                                                                                                                                                                           Best Local Similarity RESULT 641
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(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11-OCT-2001.
(HYSE-) HYSEQ INC.
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(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     26-SEP-2002
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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RESULT 644

RESULT 646

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16.1%; Score 290.5; DB 8; Length 2537; 29.8%; Pred. No. 3.5e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18.7%; Score 338.5; DB 4; Length 413; 28.0%; Pred. No. 2.1e-20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 297.5; DB 4; Length 333; Pred. No. 5.4e-17;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26-SEK-ZOUGE.

(BLIL ) LILLY & CO BLI.

127 Match 26.1%; Score 472; DB 6; Length 222;

127 Match 24.1%; Pred. No. 2.8e-32;
                                                                                                                                                                                                                                                                                                                                         Score 472; DB 6; Length 211;
Pred. No. 2.6e-32;
                                                                                                                                   6; Length 226;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Length 241;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           18.4%; Score 333; DB 4; Length 315; 31.9%; Pred. No. 4.4e-20;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 4; Length 545;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABB65642 standard; protein; 315 AA.
Drosophila melanogaster polypeptide SEQ ID NO 23718.
WO200171042-A2.
27-SEP-2001.
(PEKE ) PE CORP NY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABB69485 standard; protein; 413 AA.
Drosophila melanogaster polypeptide SEQ ID NO 35247
WO200171042-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Drosophila melanogaster polypeptide SEQ ID NO 14514
WO200171042-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABB58947 standard; protein; 333 AA.
Drosophila melanogaster polypeptide SEQ ID NO 3633.
WO200171042-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 472; DB 6;
Pred. No. 3.1e-32;
                                                                           PD 26-SEP-2002.
PA (ELIL.) LILLY & CO ELI.
Query Match 28.0%; Score 505; DB 6;
Best Local Similarity 53.0%; Pred. No. 4e-35;
RESULT 650
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    16.9%; Score 306; DB 4, 28.9%; Pred. No. 2e-17;
                                                                                                                                                                                                      AAE30264 standard; protein; 211 AA.
Human LP319a protein mature sequence #1.
W0200274906-A2.
S0-SEP-2002.
(ELIL ) LILLY & CO ELI.
ery Match
st Local Similarity 54.1%; Pred. No. 2
                                                                                                                                                                                                                                                                                                                                                                                                               AAE30265 standard; protein; 222 AA.
Human LP319a protein mature sequence #2.
0200274906-A2.
26-SEP-2002.
AAE30268 standard; protein; 226 AA.
Human LP319b protein mature sequence #1
WO200274906-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADS10483 standard; protein; 2537 AA.
Human therapeutic protein - SEQ ID 720.
WO2004080148-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAE29926 standard; protein; 241 AA.
Human LP319a protein.
WO200274906-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      protein; 545 AA
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16.1%;
31.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 31.1%;
RESULT 668
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SCIORE P.
ELLERMAN K.
MACDOUGALL J R.
SMITHSON G.
                                       (PENA,) PENA C E A.
(RIEG/) RIEGER D K.
(SHEN/) SHENOY S G.
(SHIM/) SHIMKETS R A.
(SPYT/) SPYTEK R A.
(TAUP/) TAUPIER R J.
(VERN/) VERNET C A M.
(VERN/) VOSS E Z.
(ZERH/) ZERHUSEN B D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                GANGOLLI E A.
FERNANDES E R.
RIEGER D K.
    MILLET I.
PADIGARU M.
PATTURAJAN M.
                                                                                                                                                                                                                                                                                                                                                                                                              LIU X.
SPYTEK K A.
ZERHUSEN B D.
PATTURAJAN M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              BURGESS C E.
SHIMKETS R A.
GROSSE W M.
SZEKERES E S.
VERNET C A M.
                                                                                                                                                                                                                                                                                                                                                                                   ALSOBROOK J P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       05-SEP-2003.
(GENE-) GENE SIGNAL.
(ALMA/) AL MAHMOOD S.
                                                                                                                                                                                                                                                                                                                                                                                                 TCHERNEV V T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            EDINGER S R. GUNTHER E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CASMAN S J.
BOLDOG F L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity RESULT 667
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    LEPLEY D M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GORMAN L.
                                                                                                                                                                                                                                                                                                                                                          JS2003170630-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       MILLET I
                                                                                                                                                                                                                                                                                                                                                                       11-SEP-2003
(ALSO/) ALS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (SCIO/)
(ELLE/)
(MACD/)
    (MILL/)
(PADI/)
                                                                                                                                                                                                                                                                                                                                                                                                (TCHE/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (EDIN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (LEPL/)
(BURG/)
                                                                                                                                                                                                                                                                                                                                                                                                                                         ZERH/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (LILL/
(CASM/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (BOLD/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GANG/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FERN/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SHIM/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     VERN/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (MILL/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               RIEG/
                                                                               Query Match 16.1%; Score 290.5; DB 6; Length 2572; Best Local Similarity 29.8%; Pred. No. 3.6e-15; RESULT 659
                                                                                                                                                                                                       Score 290.5; DB 8; Length 2673; Pred. No. 3.8e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 290.5; DB 8; Length 2673; Pred. No. 3.8e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 6; Length 4495;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 290.5; DB 8; Length 4495;
Pred. No. 7.7e-15;
                                                                                                                                                                                                                                                                                                                              DB 8; Length 2673;
                                                                                                                                                                                                                                                                                                                                                                  ADP73149 standard; protein; 2673 AA.
Angiogenesis inhibitor human protein sequence, GS-P52.
FR2843753-A1.
                                                                                                                   ADK60225 standard; protein; 2673 AA.
Angiogenesis differentially expressed protein GS-P52.
FR2836687-A1.
GS-SEP-03.
(GENE-) GENE SIGNAL.
(ALMA/) AL MAHMOOD S.
                                                                                                                                                                                                                                            ADK60526 standard; protein; 2673 AA.
Anglogenesis differentially expressed protein GS-P52.
FR2836686-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADH72106 standard; protein; 4495 AA.
Human protein of the invention NOV43c SEQ ID NO:1002
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                     Query Match 16.1%; Score 290.5; DB 8 Best Local Similarity 29.8%; Pred. No. 3.8e-15; RESULT 661
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match 16.1%; Score 290.5; DB 6
Best Local Similarity 29.8%; Pred. No. 7.7e-15;
            ABU12083 standard; protein; 2572 AA.
Human NOV25b CG93858-02 protein SEQ ID 86.
WQ200281625-A2.
IT-OCT-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABU69135 standard; protein; 4495 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADO08273 standard; protein; 4495 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    16.1%;
29.8%;
                                                                                                                                                                                                   Best Local Similarity 29.8%;
RESULT 660
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 29.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human NOVX polypeptide #10. WO200290504-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human NOVX polypeptide #10.
US2004018594-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LIU X.
MALYANKAR U M.
MILLER C E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ANDERSON D W.
BOLDOG F L.
BURGESS C E.
CASMAN S J.
CHAPOVAL A.
EDINGER S R.
GERLACH V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ALSOBROOK J P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                     05-SEP-2003.
(GENE-) GENE SIGNAL.
(ALMA/) AL MAHMOOD S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14-NOV-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GUO X S.
KEKUDA R.
LEPLEY D M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
RESULT 662
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GORMAN L.
GUNTHER E.
                                                                                                                                                                                                                                                                                                                                                                                                          27-FEB-2004.
(GENE/) GENE S.
(ALMS/) AL M S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (ALSO/)
(ANDE/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (BOLD/)
(BURG/)
(CASM/)
(CHAP/)
(EDIN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (LILL/)
(LIUX/)
(MALY/)
(MILL/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (GUOX/)
(KEKU/)
(LEPL/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (GERL/)
(GORM/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (CUNT/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 663
ID ADH721
DE Human
PN WO2003
PD 11-DEC
RESULT 658
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ID Human heat mitochondrial protein as a therapeutic target SeqID1895.

DE Human heat mitochondrial protein as a therapeutic target SeqID1895.

DE Human heat mitochondrial protein as a therapeutic target SeqID1895.

PN WOZDO3087768-A2.

PN WOZDO3087768-A2.

PA (MITO-) MITOKOR.

PA (MITO-) MITOKOR.

PA (BUCK-) BUCK INST AGE RES.

QUERY MATCH

16.1%; Score 290.5; DB 7; Length 5636;

Best Local Similarity 31.1%; Pred. No. 1e-14;
                Length 4495;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 290.5; DB 7; Length 5636; Pred. No. 1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 290.5; DB 8; Length 5636; Pred. No. 1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                16.1%; Score 290.5; DB 8; Length 5636;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     E Angiogenesis differentially expressed protein GS-P29.
N FR283668-A1.
D 05-SEP-2003.
A (GENE-) GENE SIGNAL.
A (ALMAA) AL MAHMOOD S.
Query Match
16.1%; Score 290.5; DB 8; Len
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADK60205 standard; protein; 5636 AA.
Angiogenesis differentially expressed protein GS-P29.
FR2836687-A1.
vuery Match
Best Local Similarity 29.8%; Pred. No. 7.7e-15;
RESULT 665
                                                                                                                                                                                                                                                                                                                                                                                               ADJ83137 standard; protein; 5636 AA.
Human hemicentin protein - SEQ ID 128.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADK60506 standard; protein; 5636 AA.
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LILL
                                                                                                                                              16.1%; Score 290.5; DB 8; Length 5636; 31.1%; Pred. No. 1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     16.0%; Score 289.5; DB 7; Length 1708; 29.8%; Pred. No. 2.5e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            16.0%; Score 289.5; DB 7; Length 1708; 31.1%; Pred. No. 2.5e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity 31.1%; Pred. No. 9.1e-16;
RESULT 673
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             16.0%; Score 288.5; DB 8; Length 707; 31.1%; Pred. No. 9.1e-16;
                               ADP73129 standard; protein; 5636 AA.
Angiogenesis inhibitor human protein sequence, GS-P29.
FR2843753-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADH72102 standard; protein; 707 AA.

Human protein of the invention NOV43a SEQ ID NO:998.
M02003102155-A2.
(CURA-) CURAGEN CORP.
       31.1%; Pred. No. 1e-14;
                                                                                                                                                                                                  ADG39844 standard; protein; 1708 AA. Protein similar to human NOV9 #5.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADG39840 standard; protein; 1708 AA.
Protein similar to human NOV9 #1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABU69134 standard; protein; 707 AA;
Human NOVX polypeptide #9.
WO200290504-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADO08271 standard, protein, 707 AA.
Human NOVX polypeptide #9.
US2004018594-A1.
29-JAN-2004.
                                                                                                                                                                                                                                                                                                                                                                                           (TOPP/) TOPPER J N.
(WALS/) MALSERWARR U M.
(WASS/) WASSERWAN S M.
(EDIN/) EDINGER S R.
(SMIT/) SMITHER B.
(GUNT/) GUNTHER E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (TOPP) TOPPER J N.
(MALY) MALYANKAR U M.
(WASS) WASSERANS M.
(EDIN) EDINGER S R.
(SMIT) SMITHSON G.
(GUNT) GUNTHER E.
(KOMU) KOMUVES L.
                                                                                                                                                                                                                                                                                          GUO X.
SHIMKETS R A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SHIMKETS R A.
PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (CURA-) CURAGEN CORP.
Best Local Similarity RESULT 669
                                                                                                                                                                                                                                                                                                                                         KEKUDA R.
SPYTEK K A.
MEHRABAN F.
                                                                                                                                           Query Match
Best Local Similarity
RESULT 670
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity RESULT 671
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                KEKUDA R.
SPYTEK K A.
MEHRABAN F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity RESULT 674
                                                                                                                                                                                                                                                                    PENA C E A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PENA/) PENA C E A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity RESULT 672
                                                                                                                                                                                                                                                                                                                         PADIGARU M.
                                                                                         27-FEB-2004.
(GENE/) GENE S.
(ALMS/) AL M S.
                                                                                                                                                                                                                                    US2003203843-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             JS2003203843-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   14-NOV-2002
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                    (PENA/)
(GUOX/)
(SHIM/)
(PADI/)
(KEKU/)
(SPYT/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query
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ID ABU99129 standard; protein; 961 AA.

DB Novel human GPCR related protein NOV9b.

PN WO20029116-A2.

PD 12-DEC-2002.

PA (CURA-) CURAGEN CORP.

Query Match 16.0%; Score 288.5; DB 6; Length 961;

Best Local Similarity 30.5%; Pred. No. 1.4e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 16.0%; Score 288.5; DB 8; Length 712; Best Local Similarity 31.1%; Pred. No. 9.2e-16; RESULT 676
                                                                                                                                                                                                                                                                                                                                                                                                                 Ouery Match
Best Local Similarity 31.1%; Pred. No. 9.1e-16;
Best Local Similarity 31.1%; Pred. No. 9.1e-16;
BESULY 675
ID ADH72104 standard; protein; 712 AA.

DE Human protein of the invention NOV43b SEQ ID NO:1000.

PN WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADM93823 standard; protein; 961 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ANDERSON D W.
BAUMGARTNER J C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      LI L.
MACDOUGALL J R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              MALYANKAR U M.
MILLET I.
PADIGARU M.
PATTURAJAN M.
                                                                                                                                                                                                                                                                       (PENAL) PATTURAJAN M. (PENAL) PENA C E A. (SHENC) SIEBNOS G G. (SHIM) SHIMKETS R A. (SPYT) SPYTEK K A. (TAUP) TAUPIER R J. (VERN) VERNET C A M. (VOSS) VOSS E Z. (ZERH/) ZERHUSEN B D.
                                                                                                                                                                                                   LIU X.
MALYANKAR U M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Human NOV protein #21
US2004009480-A1.
                                                                                                                                                                                                                              MILLER C E.
MILLET I.
PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    BOLDOG F L.
CASMAN S J.
EDINGER S R.
GANGOLLI E A
                                           BURGESS C E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PENA C E A.
RASTELLI L.
SHIMKETS R A
                                                                                  EDINGER S F
GERLACH V.
GORMAN L.
GUNTHER E.
                                                                                                                                                          KEKUDA R.
LEPLEY D M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GORMAN L.
GUO X S.
HJALT T.
KEKUDA R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GERLACH V
                                                                                                                                              GUO X S.
(ALSO/)
(ANDE/)
(BOLD/)
(BURG/)
(CASM/)
(CHAP/)
(EDIN/)
(GERL/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (ANDE/)
(BAUM/)
(BOLD/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (RAST/)
(SHIM/)
(STON/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    CASM/
                                                                                                                               GUNT/
                                                                                                                                              cnox/
                                                                                                                                                                                                    (LIUX/
                                                                                                                                                                                                                                              (MILL/
(PADI/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GANG/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GORM/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        HJAL/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MACD/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PENA/
                                                                                                                                                                                                                                  (MILL/
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Query Match 16.0%; Score 288.5; DB 5; Length 5635; Best Local Similarity 31.1%; Pred. No. 1.6e-14; RESULT 686
                                                                                                                    16.0%; Score 288.5; DB 8; Length 1953; 31.1%; Pred. No. 3.6e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 287.5; DB 7; Length 1708; Pred. No. 3.7e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          16.0%; Score 288.5; DB 7; 31.1%; Pred. No. 8.6e-15;
                                                                                                                                                                                           ADJ83136 standard; protein; 3645 AA.
Human hemicentrin protein - SEQ ID 127.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABB60991 standard; protein; 5635 AA.
Novel human protein. SEQ ID 78.
WO200250105-A1.
27-JUN-2002.
(SMIK ) SMITHKLINE BEECHAM CORP.
(SMIK ) SMITHKLINE BEECHAM PLC.
(GLAX ) GLAXO GROUP LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADG39841 standard; protein; 1708 AA.
Protein similar to human NOV9 #2.
US2003203843-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 31.1%; Pred. RESULT 687

ID ABB63044 standard; protein; 467 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                15.9%;
31.1%;
                                                                                                                                                                                                                      Human hemicentrin protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SCIORE P.
ELLERMAN K.
MACDOUGALL J R.
SMITHSON G.
  (MALY/) MALYANKAR U M.
(SHIM/) SHIMKETS R A.
(TAUP/) TAUPIER R J.
(EDIN/) EDINGER S.
(MAZU/) MAZUR A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     MALYANKAR U M.
WASSERMAN S M.
EDINGER S R.
SMITHSON G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                     BURGESS C E. SHIMKETS R A. GROSSE W M. SZEKERES E S. VERNET C A M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LI L.
CASMAN S J.
CASMAN L.
GORMAN L.
GORMAN L.
GANGOLLI E A.
FERNANDES E R.
RIEGER D K.
RIEGER D K.
GUNTHER E.
MILLET I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PENA C E A.
GUO X.
SHIMKETS R A.
PADIGARU M.
KEKUDA R.
SEYTEK K A.
MEHRABAN F.
                                                                                                                                                                                                                                                                                       (ALSO/) ALSOBROOK J P. (TCHE/) TCHERNEV V T.
                                                                                                                                                                                                                                                                                                                                   LIU X.
SPYTEK K A.
ZERHUSEN B D.
PATTURAJAN M.
LEPLEY D M.
                                                                                                                                       Best Local Similarity RESULT 684
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Match
Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        GUNTHER E
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            KOMUVES L
                                                                                                                                                                                                                                        US2003170630-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               30-OCT-2003
(PENA/) PEN
                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (MACD/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (WASS/)
(EDIN/)
(SMIT/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (SCIO/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (PADI/)
(KEKU/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (SPYT/)
(MEHR/)
                                                                                                                                                                                                                                                                                                                                      (LIUX/)
                                                                                                                                                                                                                                                                                                                                                                                       (ZERH/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (RIEG/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (SHIM/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (MALY/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (GUNT/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (LILL/)
(CASM/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (EDIN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (SZEK/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (dnox/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (VERN/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (TOPP/
                                                                                                                                                                                                                                                                                                                                                                                                                                    (LEPL/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (SHIM/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GROS/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GORM/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GANG/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (MILL/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Ouery Mat
Best Loca
RESULT 685
                                                                                                                                                                                                                                                                                                                                                                                                                                                          (BURG/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          BOLD/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 16.0%; Score 288.5; DB 6; Length 1902; Best Local Similarity 31.1%; Pred. No. 3.5e-15; RESULT 681
                                                                                                                                                                                                                                                                                       16.0%; Score 288.5; DB 4; Length 1240; 31.1%; Pred. No. 2e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                DB 5; Length 1336;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match 16.0%; Score 288.5; DB 8; Length 1902; Best Local Similarity 31.1%; Pred. No. 3.5e-15; RESULT 682
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 16.0%; Score 288.5; DB 7; Length 1953; Best Local Similarity 31.1%; Pred. No. 3.6e-15;
                                                                                             Query Match 16.0%; Score 288.5; DB 8; Length 961; Best Local Similarity 30.5%; Pred. No. 1.4e-15; RESULT 678
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADE16058 standard; protein; 1953 AA.
G-coupled protein receptor related polypeptide, SEQ ID No 88.
WO200283841-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADH72108 standard; protein; 1902 AA.
Human protein of the invention NOV43d SEQ ID NO:1004.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADL93997 standard; protein; 1953 AA.
Human G-coupled protein receptor-related protein #44.
US2004006205-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              16.0%; Score 288.5; DB 5 31.1%; Pred. No. 2.2e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABU12084 standard; protein; 1902 AA.
Human NOV25c CG56914-03 protein SEQ ID 88.
WO200281625-A2.
                                                                                                                                                                                                                                                                                                                                                         AAB47771 standard; protein; 1336 AA.
Human thrombospondin protein, BTL.012.
WO200174852-A2.
                                                                                                                                                              ABG03933 standard; protein; 1240 AA.
Novel human diagnostic protein #3924.
WO200175067-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               LIU X.

MILLER C E.

SPYTEK K A.

ZERHUSEN B D.

PENA C E A.

SHENOY S G.

ZHONG H.

SMITHSON G.

ZANONG S J.

BOLDOG F L.

VONS E Z.

VENNET C A.

MACDOUGALL J R.

RASTELLI L.

RASTELLI L.
(SPYT/) SPYTEK K A.
(VERN/) VERNET C A M.
(VOSS/) VOSS E Z.
(ZERH/) ZERHUSEN B D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
RESULT 680
ID ABU12084 standard; pro
DE Human NOV25c CG56914-(PN WO20281625-A2.PD I7-OCT-2002.PD (CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   24-OCT-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      FURTAK K.
PATTURAJAN M.
BURGESS C E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        17-OCT-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                               11-OCT-2001.
(FARB ) BAYER CORP.
                                                                                                                                                                                                                                                                                                      Best Local Similarity RESULT 679
                                                                                                                                                                                                                                     11-OCT-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LI L.
GERLACH V.
                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (LILL/)
(GERL/)
(LIUX/)
(MILL/)
(SPYT/)
(ZERH/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (CASM/)
(BOLD/)
(VOSS/)
(VERN/)
(MACD/)
(RAST/)
(ANDE/)
(ZHON/)
(FURT/)
(PURT/)
(BURG/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (ZHON/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (SHEN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    RESULT 683
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PPRE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IIO DE PAPA DE
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Length 3645;

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ADD25619 standard; protein; 848 AA.
Binding domain.immunoglobulin fusion protein-associated protein #87.
US2003118592-A1.
(GENE-) GENECRAFT INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAO30845 standard; protein; 859 AA.
Human cell adhesion and extracellular matrix protein (CADECM)-35.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match 15.0%; Score 271.5; DB 5; Length 1426; Best Local Similarity 29.6%; Pred. No. 6.9e-14; RESULT 700
     15.3%; Score 275.5; DB 7; Length 853; 25.5%; Pred. No. 1.6e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 15.2%; Score 275; DB 7; Length 848; Best Local Similarity 25.7%; Pred. No. 1.7e-14; RESULT 697
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABB66566 standard, protein, 729 AA.
Drosophila melanogaster polypeptide SEQ ID NO 32490.
WO200171042-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  15.1%; Score 273.5; DB 5; 29.6%; Pred. No. 4.4e-14;
                                                                                                                                                                                                                                                                                                                                                      Score 275; DB 7;
Pred. No. 7.9e-16;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ) 12-UN-2003.

12-UN-2003.

1 (INCY-) INCYTE GENOMICS INC.

Query Match 15.0%; Score 271; DB 7;

Query Match 24.8%; Pred. No. 3.8e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 274; DB 6;
Pred. No. 4.4e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              15.0%; Score 270; DB 4; 26.7%; Pred. No. 3.7e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAU18023 standard; protein; 152 AA.
Human immunoglobulin polypeptide SEQ ID No 168
WO200155315-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADH48824 standard; protein; 1356 AA.
NOV45B protein sequence, SEQ ID 108.
WO200268652-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADH48822 standard; protein; 1426 AA. NOV45A protein sequence, SEQ ID 106.W0200268652-A2. (CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAE37177 standard; protein; 1477 AA.
                                                       protein; 90 AA.
polypeptide #17
                                                                                                                                                                                                                                                                                                                                                       15.2%;
61.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity 29.2%;
RESULT 698
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human LRRCAPS protein #2.
WO2003035831-A2.
                                                                                                                                 Σ
                                                                                                                                               SHENOY S G.
SPYTEK K A.
ZERHUSEN B D.
PATTURAJAN M.
                                                                                                                                                                                                                                         KEKUDA R.
GANGOLLI E A.
SHIMKETS R A.
TAUPIER R J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              01-MAY-2003.
(EXEL-) EXELIXIS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             06-SEP-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                 MALYANKAR U
     Query Match
Best Local Similarity
RESULT 695
                                                       ADL36019 standard;
Human NOVX-related
US2003207800-A1.
                                                                                                                                                                                                                                                                                                                   (LILL/) LI L.
(PADI/) PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity RESULT 696
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best_Local Similarity
RESULT 701
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PE CORP NY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Human cell adhes: WO2003047526-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           27-SEP-2001
(PEKE ) PE
                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                 (ZERH/)
(PATT/)
(GUOX/)
(KEKU/)
                                                                                                                                                 (SHEN/)
                                                                                                                                                                                                                                                                               (SHIM)
                                                                        15.8%; Score 284.5; DB 4; Length 467; 26.1%; Pred. No. 1.1e-15;
                                                                                                                                                                                                                                           DB 7; Length 858;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 761;
                                                                                                                                                                                                                                                                                                                                                                                                             Length 733;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 848;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 848;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15.3%; Score 276; DB 8; Length 848; 25.7%; Pred. No. 1.4e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAY88565 standard; protein; 848 AA.
Human NCAM 140kD isoform precursor amino acid sequence.
WO200018801-A2.
Drosophila melanogaster polypeptide SEQ ID NO 15924.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADI24546 standard; protein; 848 AA.
Human modifier of Chki (MCHK) protein SEQ ID NO:96
                                                                                                                                                                                                                                         Score 277.5; DB 7, Pred. No. 1.1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                         15.3%; Score 276; DB 6; 25.7%; Pred. No. 1.1e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 276; DB 3;
Pred. No. 1.4e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 276; DB 7;
Pred. No. 1.2e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          15.3%; Score 276; DB 5; 25.7%; Pred. No. 1.4e-14;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (IMCO-) IMPERIAL COLLEGE INNOVATIONS LTD. (UNLO ) KINGS COLLEGE LONDON.
                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADE63332 standard; protein; 761 AA.
Human Protein P13592, SEQ ID NO 9270.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADF28603 standard; protein; 853 AA.
Bovine NCAM-140 protein - SED ID 513.
WO2003048326-A2.
                                                                                                                                                                                                                                                                                            ADAS5624 standard; protein; 733 AA.
Human protein, SEQ ID 3192.
EP1293569-A2.
                                                                                                                        ADE63330 standard; protein; 858 AA.
Rat Protein P13596, SEQ ID NO 9268.
WO2003016475-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            RESULT 692
ID AAE1722 standard, protein, 848 AA.
E Human 140kd NCAM isoform protein.
PN WO200196364-A2.
                                                                                                                                                                                                                                                                                                                                                    19-MAR-2003.
(HELI-) HELIX RES INST.
(REAS-) RES ASSOC BIOTECHNOLOGY.
                                                                                                                                                                                                                                         15.4%;
25.5%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            15.3%;
25.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15.3%;
25.7%;
                                                                                                                                                                                 27-FEB-2003.
(GEHO ) GEN HOSPITAL CORP.
(FARB ) BAYER AG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (GEHO ) GEN HOSPITAL CORP. (FARB ) BAYER AG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                RONN L C B.
BOCK E.
HOLM A.
OLSEN M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (EXEL-) EXELIXIS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              JENSEN P H.
POULSEN F M.
SOROKA V.
RALETS I.
                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity RESULT 690
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                    Best Local Similarity RESULT 688
                                                                                                                                                                                                                                                  Best Local Similarity RESULT 689
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                       (PEKE ) PE CORP NY
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BEREZIN V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (HYSE-) HYSEQ INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        WO2004004785-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   WO2003016475-A2.
                   WO200171042-A2.
27-SEP-2001.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    20-DEC-2001
                                                                          Ouerv Match
                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
                                                                                                                                                                                                                                           Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (POUL/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (RONN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BOCK/)
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RESULT 691

Length 1356;

Length 729;

Best Loc RESULT 694

Query

RESULT 693 Query

Best

Length 859

Length 1477;

Length 90;

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17-JUL-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          09-AUG-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                     12-JUN-2003.
(HYSE-) HYSEQ INC.
                                                                                                                                                                      Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Ouery Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ID AAW81030 standard; protein; 1496 AA.

DE Melanoma associated antigen MG50.

PN W09855133-A1.

PD 10-DEC-1998.

PA (REGC) UNIV CALIFORNIA.

PA (UYSC.) UNIV SOUTHERN CALIFORNIA.

Query Match

14.9%; Score 268.5; DB 2; Length 1496;

RESULT 708

RESULT 708
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            14.9%; Score 268.5; DB 8; Length 1469; 28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14.9%; Score 268.5; DB 6; Length 1496; 28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14.9%; Score 268.5; DB 8; Length 1479; 28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             14.9%; Score 268.5; DB 3; Length 1496; 28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                 DB 8; Length 1469;
                                           Length 152;
                                                                                                                                                                     Length 152;
                                                                                                                                                                                                                                                                                                                                                                                                           ADRÉS991 standard; protein; 1469 AA.
Human prostatic carcinoma derived protein SEQ ID 187 #1.
WO2004076614-A2.
                                                                                                                                                                                                                  ADR66889 standard; protein; 1469 AA.
Human prostatic carcinoma derived DNA SEQ ID 187 #4.
WO2004076614-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABU03498 standard; protein; 1496 AA.
Angiogenesis-associated human protein sequence #43.
WO200279492-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADL35717 standard; protein; 1479 AA.
Human peroxidasin-melanoma antigen-related protein
WO2004019893-A2.
                                                                                                                                24-APR-2003.
24-APR-2003.
(HUMA-) HUMAN GENOME SCI INC.
(HUMA-) HUMAN GENOME SCI INC.
(ery Match 14.9%; Score 269; DB 7;
02-AUG-2001.
(HUMA-) HUMAN GENOME SCI INC.
14.9%; Score 269; DB 4;
lery Match
14.9%; Score 269; DB 4;
                                                                                                                                                                                                                                                                                                                                                                 14.9%; Score 268.5; DB 8 28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAY70469 standard; protein; 1496 AA.
Human p53 target molecule, PRG2 protein.
09-MAR-2000.
(UYPR-) UNIV PRINCETON.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADD89024 standard; protein; 1496 AA.
                                                                                     ADB31647 standard; protein; 152 AA.
Human novel protein SEQ ID NO 168.
US2003077606-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (EOSB-) EOS BIOTECHNOLOGY INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    11-MAR-2004.
(RIGE-) RIGEL PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (HINZ/) HINZMANN B.
(DAHL/) DAHL B.
(ROSE/) ROSENTHAL A.
(HERM/) HERMANN K.
(PILA/) PILARSKY C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           10-SEP-2004.
(HINZ/) HINZWANN B.
(DAHL/) DAHL E.
(ROSE/) ROSENTHAL A.
(HERM/) HERMANN K.
(PILA/) PILARSKY C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity RESULT 707
                                        Query Match
Best Local Similarity
RESULT 703
                                                                                                                                                                   Query Match
Best Local Similarity
RESULT 704
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Best Local Similarity
RESULT 706
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WO2003057160-A2.
                                                                                                                                                                                                                                                                    10-SEP-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                               Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 710
                                                                                                                                                                                                                                                                                                                                                                                               RESULT 705
                                                                                                                                                                                                                                                                                                                                                                   Query
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vuery match
Best Local Similarity 28.8%; Pred. No. 1.3e-13;
RESULT 713
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               14.9%; Score 268.5; DB 8; Length 1496; 28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Match 14.9%; Score 268.5; DB 8; Length 1496; Local Similarity 28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14.9%; Score 268.5; DB 8; Length 1496; 28.8%; Pred. No. 1.3e-13;
Score 268.5; DB 7; Length 1496; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 1496;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 4; Length 1498;
                                                                                                                                                                                     Length 1496;
                                                                                                                                                                                                                                         ADQ18902 standard; protein; 1496 AA.
Human soft tissue sarcoma-upregulated protein - SEQ ID 1721.
WO2004048938-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Anke6092 standard; protein; 1496 AA.

Human prostatic carcinoma derived protein SEQ ID 288 #1.

MO2004076614-A2.

10.58E-2004.

(HINZ/) HINZMANN B.

(ROSE/) ROSENTHAL A.

(HEMM) HENARANN K.

(PILA/) PILARSKY C.
                                                                                                                                                                                                                                                                                                                                                                                                                                   D ADQ89920 standard; protein; 1496 AA.

E Antagonist of cell cycle progression polypeptide #175.

M W02004063362-A2.

D 29-U-2004.

A (CYCL-) CYCLACEL LTD.

Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AD089914 standard; protein; 1496 AA.
Antagonist of cell cycle progression polypeptide #172.
WO2004063362-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADR66434 standard; protein; 1496 AA.
Human prostatic carcinoma derived protein SEQ ID 288
WO2004076614-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      14.9%; Score 268.5; DB 8; 28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                  14.9%; Score 268.5; DB 7; 28.8%; Pred. No. 1.3e-13;
                                                                                          616
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           14.9%; Score 268.5; DB 4
28.8%; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABO00762 standard; protein; 1498 AA.
Polypeptide encoded by novel human contig #13.
20-MAR-2003.
                       Best Local Similarity 28.8%; Pred. No. 1.3e-1
RESGLT 711
ID APC-8706 standard; protein; 1496 AA.
DE Human peroxidasin-like MG50 protein - SED ID
PN WG2003048326-A2.
PD 12-UIN-2003.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABBI1587 standard; peptide; 1498 AA.
Human peroxidasin homologue, SEQ ID NO:1957.
WO200157188-A2.
                                                                                                                                                                                                                                                                                                                          10-JUN-2004.
(PROT-) PROTEIN DESIGN LABS INC.
  Query Match
Best Local Similarity 28.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     10-SEP-2004.
(HINZ/) HINZMANN B.
(DAHL/) DAHL E.
(ROSE/) ROSENTHAL A.
(HERM/) HERMANN K.
(PILA/) PILARSKY C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           29-JUL-2004.
(CYCL-) CYCLACEL LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
RESULT 714
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 716
                                                                                                                                                                                            Best Local Similarity RESULT 712
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ADM'4171 standard; protein; 381 AA.
Human NOV3A protein sequence SeqID10.
WO2004015079-A2.
19-FEB-2004.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADN24208 standard; protein; 5175 AA.
Bacterial polypeptide #6861.
US2003233675-A1.
18-DEC-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Bacterial polypeptide #6859.
US2003233675-A1.
                                                                                                                                                                                                                                                                                                                                                                                         ADM56387 standard; protein; 404 AA.
Human cell adhesion molecule NOV12.
US2003082554-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   AAY33741 standard; protein; 444 AA Beta-secretase.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAB47251 standard; protein; 444 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity 26.7%;
RESULT 732
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PD 24-APR-2001.
PA (ELAN-) ELAN PHARM INC.
Query Match
Best Local Similarity 26.7%;
RESULT 733
                           ) 27-DEC-2002.
A (TAKE) TAKEDA CHEM IND LTD.
Query Match 14.3*;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        24-AUG-1999.
(ELAN-) ELAN PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (CAOY) CAO Y.
(HINK) HINGLE G J.
(SLAT) SLATER S C.
(CHEN) CHEN X.
(GOLD/) GOLDMAN B S.
                                                                                                                                                                                                                                                                                                                                                                                                                                            01-MAY-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity RESULT 734
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       y Match
Local Similarity
          WO2002103355-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Beta-secretase.
US6221645-Bl.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US5942400-A.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  A A TRESS/) TESSIER-LAVIGNE M.

A (GODD) (GODDMAN C S.

A (RTDD) KIDD T.

A (RTDS) TESSIER-LAVIGNE M.

Ouery Match

Dest Local Similarity 26.1%; Pred. No. 5.4e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAY53666 standard; protein; 4412 AA.
Sequence gi/1017427/emb/CAA62189 from an alignment with protein 608.
                       Score 268.5; DB 6; Length 1498; Pred. No. 1.3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14.4%; Score 260.5; DB 4; Length 496; 26.2%; Pred. No. 1.5e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                               vuery Match 14.5%; Score 261; DB 2; Length 1395;
Best Local Similarity 26.1%; Pred. No. 5.4e-13;
RESULT 722
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14.4%; Score 260; DB 4; Length 1395; 26.1%; Pred. No. 6.6e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 259; DB 3; Length 4412;
Pred. No. 3.9e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     / Match 14.5%; Score 261; DB 2; Length 1395;
Local Similarity 26.1%; Pred. No. 5.4e-13;
                                                                                                                                                                                                                                                                                                       Length 142;
                                                                                                                                                              14.8%; Score 267; DB 3; Length 58; 86.2%; Pred. No. 2.1e-15;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ABB62052 standard; protein; 496 AA.
Drosophila melanogaster polypeptide SEQ ID NO 12948.
27-SEP-2001.
(PEKE ) PE CORP NY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABB60257 standard; protein; 1395 AA.
Drosophila melanogaster polypeptide SEQ ID NO 31563.
WO200171042-A2.
                                                                                                                                                                                                                                                                                                     14.6%; Score 263; DB 5;
44.1%; Pred. No. 1.6e-14;
                                                                     AAG02771 standard, protein, 58 AA.
Human secreted protein, SEQ ID NO: 6852.
BE1033401-A2.
06-SEP-2000.
(GEST ) GENSET.
                                                                                                                                                                                                             ABB97902 standard; protein; 142 AA. Human secretory polypeptide (SPTM) 154. WO200220756-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABG74786 standard; protein; 31267 AA.
Human RGS11 protein.
                                                                                                                                                                                                                                                                                                                                                    AAY13563 standard; protein; 1395 AA.
Drosophila Robo 1 polypeptde.
W09925833-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAY08401 standard; protein; 1395 AA.
Drosophila sp. ROBO1 protein.
WO9920764-A1.
                       14.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         14.3%;
                                                                                                                                                                                                                                                                                   (INCY-) INCYTE GENOMICS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    25-NOV-1999.
(QUAR-) QUARK BIOTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                         27-MAY-1999.
A (REGC ) UNIV CALIFORNIA.
Query Match 14.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                29-APR-1999.
(REGC ) UNIV CALIFORNIA.
                                                                                                                                                                         Best Local Similarity RESULT 720
                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity RESULT 724
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 726
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
PA (HYSE-) HYSEQ INC.
Query Match
Best Local Similarity
RESULT 719
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             27-SEP-2001.
(PEKE) PE CORP NY.
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
RESULT 725
                                                                                                                                                                                                                                                                 14-MAR-2002
                                                                                                                                                              Ouery Match
                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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                                                                                                                                                                                                                                                                                                                     Best Loca
RESULT 721
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RESULT
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```
Length 5175;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match 14.2%; Score 256.5; DB 7; Length 404; Best Local Similarity 27.4%; Pred. No. 2.4e-13; RESULT 731
         Length 31267;
                                                                                                                                                                                              14.3%; Score 259; DB 8; Length 34350; 29.6%; Pred. No. 6.4e-11;
                                                                                                                                                                                                                                                                                                                                                                                       Length 381;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 256; DB 2; Length 444; Pred. No. 3.1e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 444;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      14.1%; Score 255; DB 4; Length 359; 24.9%; Pred. No. 2.8e-13;
                                                                     ID AD089964 standard; protein; 34350 AA.

ID Antagonist of cell cycle progression polypeptide #197.

DE Antagonist of cell cycle progression polypeptide #197.

PN WOZDO4063362-A2.

PD 29-UUL-2004.

PA (CYCL-) CYCLACEL LID.

QUERY MATCH

BBST LOCAL SIMILATITY 29.64; Pred. No. 6.4e-11;

RESULT 729
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABB63920 standard; protein; 359 AA.
Drosophila melanogaster polypeptide SEQ ID NO 18552.
WO200171042-A2.
(PEKE ) PE CORP NY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14.1%; Score 254.5; DB 8; 29.3%; Pred. No. 1.2e-11;
Best Local Similarity 29.6%; Pred. No. 5.7e-11; RESULT 728
                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 27.4%; Pred. No. 1.5e-13; RESULT 730
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 256; DB 4;
Pred. No. 3.1e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (CAOY/) CAO Y.
(HINK/) HINKLE G J.
(SLAT/) SLATER S C.
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Neurotrimin-like polypeptide.
WO200157175-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14.0%;
27.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13.9%;
27.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Neurotrimin-like polypeptide.
WO200157175-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13.8%;
27.7%;
                                                                                                                                                                                                                                                                     14.0%;
27.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match 13.9%;
Best Local Similarity 27.1%;
RESULT 749
    CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          14-DEC-2000.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    06-FEB-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                       Best Local Similarity RESULT 745
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
RESULT 750
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
RESULT 751
                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
RESULT 746
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity RESULT 748
                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity RESULT 747
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity
                                                                                                                                                                                                                                       09-AUG-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                    09-AUG-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  09-AUG-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (NUVE-) NUVELO
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                              Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                             Score 254.5; DB 8; Length 5175; Pred. No. 1.2e-11;
                                                                                                                                                                                                                        DB 8; Length 5198;
                                                                                                                                                                                                                                                                                                                                                                                                                DB 8; Length 5198;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 253.5; DB 8; Length 306; Pred. No. 3e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 253.5; DB 6; Length 404;
Pred. No. 4.4e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 253.5; DB 8; Length 404;
Pred. No. 4.4e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 253.5; DB 5; Length 404;
Pred. No. 4.4e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                14.0%; Score 253.5; DB 8; Length 404; 27.1%; Pred. No. 4.4e-13;
                                                                                                                                                                                                                                                                                                                                                                                                               14.1%; Score 254.5; DB 8; 29.3%; Pred. No. 1.2e-11;
                                                                                                                                                                                                                     Score 254.5; DB 8 Pred. No. 1.2e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABJ20221 standard; protein; 404 AA.
Human IG gene related protein SEQ ID No 44.
WO200299040-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADM74177 standard; protein; 306 AA.
Human NOV3D protein sequence SeqID16.
WO2004015079-A2.
                                                                                                                                                                                                                                                                 ADN24205 standard; protein; 5198 AA.
Bacterial polypeptide #6858.
US2003233675-A1.
                                                                              protein; 5198 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ABG66677 standard; protein; 404 AA. Human novel polypeptide #12. WO200244340-A2. G-JUN-2002. (HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADI19788 standard; protein; 404 AA.
Human NOV12 protein.
US2004002134-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADF66751 standard; protein; 404 AA. Novel human protein NOV12. US2003199103-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADO60261 standard; protein; 404 AA.
Human NOV12 protein.
US2003134430-A1.
17-JUL-2003.
                                14.1%;
29.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        14.0%;
27.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14.0%;
27.1%;
                                                                                                                                                                                                                        14.1%;
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27.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity 27.1%;
RESULT 741
                                                                                          Bacterial polypeptide #6860
US2003233675-A1.
                                                                                                                                      (CAOY) CAO Y.
(HINK/) HINKLE G J.
(SLAT/) SLATER S C.
(CHEN/) CHEN X.
(GOLD/) GOLDMAN B S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            12-DEC-2002.
(EXEL-) EXELIXIS INC.
                                                                                                                                                                                                                                                                                                               18-DEC-2003.
(CAOX/) CAO Y.
(HINK/) HINKLE G J.
(SLAT/) SLATER S C.
(CHEN/) CHEN X.
(GOLD/) GOLDMAN B S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       19-FEB-2004.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       23-OCT-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               01-JAN-2004.
(CURA-) CURAGEN CORP.
(CHEN/) CHEN X. (GOLD/) GOLDMAN B S.
                               Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity RESULT 739
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
RESULT 740
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 742
                                                                                                                                                                                                                                  Best Local Similarity RESULT 737
                                                                                                                                                                                                                                                                                                                                                                                                                            Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity RESULT 743
                                                                             ADN24207 standard;
                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Si
RESULT 738
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                              PAPABARA
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ABO23244 standard; protein; 404 AA.
Human breast tumour associated protein 47-like polypeptide NOV12.
US2003027158-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 404;
    Length 404;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 404;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 4; Length 885;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  14.0%; Score 253; DB 4; Length 586; 27.4%; Pred. No. 8.1e-13;
                                                                                                                                                                                    Length 568;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 250; DB 4; Length 374; Pred. No. 8e-13;
                                                                                                                                                                                                                                                                                                                                                                     Length 570;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 586;
                                                           Howan neurotrimin-like protein, 568 AA.

Human neurotrimin-like protein-related protein SeqID13.

WOZO04039942-AZ.
13.MAY-ZOO4.

(NUVE-) NUVELO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADO47381 standard; protein; 374 AA.
Human neurotrimin-like protein-related protein SeqID16.
WO2004039942-A2.
13-MAY-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABB61502 standard; protein; 885 AA.
Drosophila melanogaster polypeptide SEQ ID NO 11298.
20200171042-A2.
27-SEP-2001.
(PEKE ) PE CORP NY.
Query Match 14.0%; Score 253.5; DB 8; Best Local Similarity 27.1%; Pred. No. 4.4e-13; RESULT 744
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 251.5; DB 6;
Pred. No. 6.6e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 250.5; DB 4;
Pred. No. 8e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 253; DB 8;
Pred. No. 8.1e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13.9%; Score 250.5; DB 4 26.5%; Pred. No. 2.3e-12;
                                                                                                                                                                                                                                                                                                                                                                   Score 253; DB 4;
Pred. No. 7.8e-13;
                                                                                                                                                                                 14.0%; Score 253; DB 8; 27.4%; Pred. No. 7.8e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                  Neurotimin-like polypeptide splice variant. W0200157175-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AD047372 standard; protein; 586 AA.
Human neurotrimin-like protein SeqID7.
WO2004039942-A2.
13-MAY-2004.
(NUVE-) NUVELO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAB61142 standard; protein; 404 AA.
Human NOV12 protein.
WO200075321-A2.
                                                                                                                                                                                                                                                    ABB76023 standard; protein; 570 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ABB76016 standard; protein; 374 AA
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Score 250; DB 8; Length 1315; Pred. No. 4.4e-12;
                                                                                                                                                                                                                                                                                                                                                13.8%; Score 250; DB 4; Length 1219; 27.7%; Pred. No. 4e-12;
                                                                                                       Score 250; DB 8; Length 955; Pred. No. 2.9e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADH72138 standard; protein; 1315 AA. Human protein of the invention NOV46h SEQ ID NO:1034 WO2003102155-A2.
    Best Local Similarity 27.7%; Pred. No. 2.9e-12; RESULT 762

ID ADSIGO808 standard; protein; 955 AA.

DE Human therapeutic protein - SEQ ID 845.

PD 23-SEP-2004.

PA (NUVE-) NUVELO INC.
                                                                                                                                                                                                                             Score 250; DB 8;
Pred. No. 2.9e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13.8%; Score 250; DB 6; 27.7%; Pred. No. 4.4e-12;
                                                                                                                                                   ADSIllo7 standard; protein; 970 AA.
Human therapeutic protein - SEQ ID 1344.
WO2004080148-A2.
                                                                                                                                                                                                                                                                      ABG12100 standard; protein; 1219 AA.
Novel human diagnostic protein #12091.
WO200175067-A2.
                                                                                                                                                                                                                                                                                                                                                                                          protein; 1315 AA. protein NOV13a.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADL24007 standard; protein; 1315 AA.
                                                                                                         13.8%;
27.7%;
                                                                                                                                                                                                                             13.8%;
27.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       13.8%; 27.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human NOVX polypeptide #26
US2004002120-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     TAUPIER R J.
MILLER C E.
CASMAN S J.
PENA C B A.
GANGOLLI E A.
GUSEV V Y.
SMITHSON G.
ZERHUSEN B D.
GERLACH V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        POCHART P F.
FERNANDES E R.
SHIMKETS R A.
RASTELLI L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MALYANKAR U M.
                                                                                                                                                                                                                                                                                                                                                                                                                                      10-OCT-2002.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TCHERNEV V T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (CURA-) CURAGEN CORP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       PATTURAJAN M
BURGESS C E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ZERNET C A M
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 767
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GUO X.
SHENOY S G.
PADIGARU M.
                                                                                                                  Best Local Similarity
RESULT 763
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
RESULT 766
                                                                                                                                                                                                                          Query Match
Best Local Similarity
RESULT 764
                                                                                                                                                                                                                                                                                                                                                                                          ABU52336 standard;
Human GPCR related
WO200279398-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                BOLDOG F L.
                                                                                                                                                                                              23-SEP-2004.
(NUVE-) NUVELO INC.
                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity RESULT 765
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          LIU X.
SPYTEK K A.
                                                                                                                                                                                                                                                                                                                      11-OCT-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 GORMAN L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              KEKU/) KEKUDA R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  01-JAN-2004
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             11-DEC-200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (SHIM/)
(RAST/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TCHE/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (/XDIT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SPYT/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (POCH/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        BURG/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (LILL/)
(GORM/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (TAUP/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PENA/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (GUSE/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (ZERH/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GERL/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      VERN/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SHEN/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     CASM/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   GANG/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MALY/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 BOLD/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            GUOX/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PADI/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADO47396 standard; protein; 955 AA.
Human neurotrimin-like protein-related MAM domain GPIM protein SeqID31.
WO2004039942-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAO30844 standard; protein; 886 AA.

Human cell adhesion and extracellular matrix protein (CADECM)-34.
M2003047526-A2.
12-JUN-2003.
(INCYTE GENOMICS INC.
ery Match
st Local Similarity 27.7%; Pred. No. 2.6e-12;
    Score 250; DB 8; Length 374; Pred. No. 8e-13;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   DB 8; Length 458;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13.8%; Score 250; DB 8; Length 458; 27.7%; Pred. No. 1e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                13.8%; Score 250; DB 8; Length 955; 27.7%; Pred. No. 2.9e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     13.8%; Score 250; DB 8; Length 955;
                                                                                                                       Length 440;
                                                                                                                                                                                                                                           DB 4; Length 442;
                                                                                                                                                                                                                                                                                                                                                                 DB 4; Length 458;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 250; DB 8; Length 880;
Pred. No. 2.6e-12;
                                      ADO47377 standard; protein; 440 AA.
Human neurotrimin-like protein-related protein SeqID12.
WO2004039942-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AD047385 standard; protein; 880 AA.
Human neurotrimin-like protein-related protein SeqID13
WO2004039942-A2.
                                                                                                                     13.8%; Score 250; DB 8; 27.7%; Pred. No. 9.9e-13;
                                                                                                                                                                                                                                                                                                                                                              13.8%; Score 250; DB 4 27.7%; Pred. No. 1e-12;
                                                                                                                                                                                                                                          13.8%; Score 250; DB 4 27.7%; Pred. No. 1e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 250; DB 8
Pred. No. 1e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADS10607 standard; protein; 458 AA.
Human therapeutic protein - SEQ ID 844.
WO200480148-A2.
23-SEP-2004.
(NUVE-) NUVELO INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AD047383 standard; protein; 955 AA.
Human neurotrimin-like protein SeqID18.
WO2004039942-A2.
                                                                                                                                                                                                                                                                                                                                                                                                       AD047369 standard; protein; 458 AA.
Human neurotrimin-like protein SeqID4
WO2004039942-A2.
                                                                                                                                                               ABB76022 standard, protein, 442 AA. Neurotrimin-like polypeptide. WO200157175-A2.
                                                                                                                                                                                                                                                                                  ABB76017 standard; protein; 458 AA.
Neurotrimin-like polypeptide.
WO200157175-A2.
    13.8%;
27.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13.8%;
27.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13.8%;
27.7%;
Query Match
Best Local Similarity
RESULT 753
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 759
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
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                                                                                                                    Query Match
Best Local Similarity
RESULT 754
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RESULT 758
                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 756
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                           09-AUG-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                (HYSE-) HYSEQ INC.
                                                                                        13-MAY-2004.
(NUVE-) NUVELO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                     13-MAY-2004.
(NUVE-) NUVELO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13-MAY-2004.
(NUVE-) NUVELO.
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(NUVE-) NUVELO.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      13-MAY-2004.
(NUVE-) NUVELO.
                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Loca
RESULT 757
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                                                                                                                                                                                                                                                                                                                                                                                                           PPE
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Length 1315;

Length 970;

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03-MAR-2004.
A (GENOX) GENOX RES INC.
13.6%;
Best Local Similarity 24.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                 (MITO-) MITOKOR.
(BUCK-) BUCK INST AGE RES.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity RESULT 780
                                                                           Best Local Similarity RESULT 773
                                                                                                                                                                                                                                                                                                              27-SEP-2001.
(PEKE ) PE CORP NY.
                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity
RESULT 776
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
RESULT 778
                                                                                                                                                                                                                                               Query Match
Best Local Similarity
RESULT 775
                                                                                                                                                                                                                                                                                                                                                                                                         23-OCT-2003
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EP618293-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match.
                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 249.5; DB 7; Length 1040; Pred. No. 3.6e-12;
                                                                                                                                                       13.8%; Score 250; DB 8; Length 1335; 27.7%; Pred. No. 4.5e-12;
                                                                                                                                                                                                                                           Score 250; DB 6; Length 1386;
Pred. No. 4.8e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 250; DB 8; Length 1386; Pred. No. 4.8e-12;
                                                                  Length 1315;
                                                                                               ADH72134 standard; protein; 1335 AA. Human protein of the invention NOV46f SEQ ID NO:1030.WO2003102155-A2. Il-DEC-2003. (CURA-) CURAGEN CORP.
                                                                 13.8%; Score 250; DB 8; 27.7%; Pred. No. 4.4e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADD47172 standard; protein; 1040 AA.
Human Protein NP_005067, SEQ ID NO 12866
WO2003016475-A2.
                                                                                                                                                                                      ABU52329 standard; protein; 1386 AA. Human GPCR related protein NOV12a. WO200279398-A2. 10-OCT-2002. (CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                               ADL23993 standard; protein; 1386 AA.
                                                                                                                                                                                                                                               13.8%;
27.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity 27.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  13.8%;
26.1%;
                                                                                                                                                                                                                                                                                         Human NOVX polypeptide #19
US2004002120-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (GEHO ) GEN HOSPITAL CORP. (FARB ) BAYER AG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  SMITHSON G.
ZERHUSEN B D.
GERLACH V.
POCHART P.
FERNANDES E R.
SHIMKETS R A.
RASTELLI L.
SPADERNA S K.
LAROCHELLE W J.
(SPAD/) SPADERNA S K.
(LARO/) LAROCHELLE W J.
(ZHON/) ZHONG M.
(KHRA/) KHRAMTSOV N V.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ZHONG M.
KHRAMTSOV N V.
VOSS E Z.
                                                                                                                                                                                                                                                                                                                                                                                                        LI L.
GORMAN L.
MALYANKAR U M.
BOLDOG F L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PADIGARU M.
TAUPIER R J.
MILLER C B.
CASMAN S J.
PENA C E A.
GANGOLLI E A.
GUSEV V Y.
                                                                                                                                                                                                                                                                                                                                                LIU X.
SPYTEK K A.
PATTURAJAN M.
BURGESS C E.
                                           (VOSS/) VOSS E Z.
(HERR/) HERRMANN J L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   HERRMANN J L.
                                                                                                                                                                                                                                                                                                                       KEKUDA R.
TCHERNEV V T.
                                                                                                                                                                                                                                                                                                                                                                                            VERNET C A M.
                                                                                                                                                                Best Local Similarity RESULT 769
                                                                Query Match
Best Local Similarity
RESULT 768
                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                 GUO X.
SHENOY S G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                               01-JAN-2004
                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                      (LILL/)
(GORM/)
(MALY/)
(BOLD/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (VOSS/)
(HERR/)
                                                                                                                                                                                                                                                                                                                                                (LIUX/)
(SPYT/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                  (GUOX/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (PADI/)
(TAUP/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (GUSE/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (SPAD/)
                                                                                                                                                                                                                                                                                                                                       (TCHE/)
                                                                                                                                                                                                                                                                                                                                                                      (PATT/)
                                                                                                                                                                                                                                                                                                                                                                               BURG/)
                                                                                                                                                                                                                                                                                                                                                                                            (VERN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PENA/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (GANG/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (SHIM/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (RAST/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CASM/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (GERL/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (ZHON/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ZERH/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     POCH/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 FERN/
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RESULT 770
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Human heat mitochondrial protein as a therapeutic target SeqID118.
WO2003087768-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match 13.6%; Score 246.5; DB 7; Length 1007; Best Local Similarity 24.6%; Pred. No. 6.2e-12; RESULT 777
                                                                                                        Length 1040;
                                                                                                                                                                                                                                                                           Length 1040;
                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 8; Length 1040;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 246.5; DB 8; Length 1018; Pred. No. 6.3e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 1018;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 1018;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 467;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Marker gene related amino acid sequence SEQ ID NO:948
EP1394274-A2.
ADO28581 standard; protein; 1040 AA.
Human axonin-1 precursor (AXO1) protein SEQ ID NO:10.
W02004044178-A2.
27-MAY-2004.
(GETH) GENEWTECH INC.
13.8%; Score 249.5; DB 8; Len
incal Similarity 26.1%; Pred. No. 3.6e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABB68882 standard; protein; 467 AA.
Drosophila melanogaster polypeptide SEQ ID NO 33438.
WO200171042-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 13.8%; Score 249.5; DB 8;
Best Local Similarity 26.1%; Pred. No. 3.6e-12;
RESULT 774
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        DB 7;
                                                                                                                                                                                                                                                                                                                               HEO84728 standard; protein; 1040 AA. Human cancer-associated protein HP22-025.1. W02004074320-A2. 02-SEP-2004. (SAGRES DISCOVERY INC. ery Match 13.8%; Score 249.5; DB 8 st Local Similarity 26.1%; Pred. No. 3.6e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 246.5; DB 2
Pred. No. 6.3e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13.6%; Score 246.5; DB 7 24.6%; Pred. No. 6.3e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13.7%; Score 248; DB 4; 27.4%; Pred. No. 1.6e-12;
                                                                                                                                                                 ABO84729 standard; protein; 1040 AA.
Human cancer-associated protein HP22-025.2.
WO2004074320-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAR63759 standard; protein; 1018 AA.
Human contactin (EMBL Accession #Z21488).
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADJ75696 standard; protein; 1018 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADJ68312 standard; protein; 1007 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAR87028 standard; protein; 1018 AA.
Human contactin.
WO9535373-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13.6%;
24.6%;
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Length 893;
                                                                                                                                                                                                                                                                                                  13.4%; Score 242.5; DB 4; Length 893; 26.4%; Pred. No. 1.2e-11;
DB 4; Length 792;
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Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 242; DB 8; Length 2586; Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 242; DB 5; Length 2586;
Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 2586;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 2587;
                                                                                                                                              Score 242.5; DB 4;
Pred. No. 1.2e-11;
13.4%; Score 242.5; DB 4; 26.4%; Pred. No. 9.8e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 242; DB 5;
Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        13.4%; Score 242; DB 5; 27.0%; Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                       ABG31317 standard; protein; 2586 AA.

Human 5+3 corrected OCP protein.

N W0200246364-A2.

13-JUN-2002.

A (QUAR-) QUARK BIOTECH INC.

Query Match

Best Local Similarity 27.0%; Pred. N
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABG32891 standard; protein; 2586 AA.
Human osteoclast protein (OCP) #1.
US2002086825-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADL02231 standard, protein, 2586 AA.
Human OCP protein #1.
US2004053301-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADL02234 standard; protein; 2586 AA.
Human OCP protein #2.
US2004053301-A1.
                                                   ABG00258 standard; protein; 893 AA. Novel human diagnostic protein #249. WO200175067-A2.
                                                                                                                                                                                                 ABG00611 standard; protein; 893 AA.
Novel human diagnostic protein #602.
M020175067-A2.
11-OCT-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAB47935 standard; protein; 2587 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABG32896 standard, protein, 2587 AA.
Human osteoclast protein (OCP) #2.
US2002086825-A1.
                                                                                                                                                13.4%;
26.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       13.4%; 27.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 27.0%;
RESULT 794
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              27.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               18-MAR-2004.
(QUAR-) QUARK BIOTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   18-MAR-2004.
(QUAR-) QUARK BIOTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (SKAL/) SKALITER R.
(FEIN/) FEINSTEIN E.
(FAER/) FAERMAN A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (SKAL/) SKALITER R.
(FEIN/) FEINSTEIN E.
(FAER/) FAERMAN A.
                                                                                                                                                                                                                                                                                                               Best Local Similarity
RESULT 791
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity RESULT 792
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
RESULT 796
Query Match
Best Local Similarity
RESULT 789
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
RESULT 793
                                                                                                                                                             Best Local Similarity RESULT 790
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RESULT 795
                                                                                                            ) 11-OCT-2001.
A (HYSE-) HYSEQ INC.
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (EINA/) EINAT P.
(SEGE/) SEGEV O.
(SKAL/) SKALITER
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Human OCP.
US2002022026-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (EINA/) EINAT P.
(SEGE/) SEGEV O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        04-JUL-2002.
(EINA/) EINAT P.
(SEGE/) SEGEV O.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           21-FEB-2002.
                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                          DB 8; Length 1018;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 243.5; DB 2; Length 1018; Pred. No. 1.1e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13.5%; Score 243.5; DB 7; Length 1021; 24.0%; Pred. No. 1.1e-11;
                                                                                                                                                                                                                                                                                DB 8; Length 1018;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               13.6%; Score 245.5; DB 8; Length 1073; 26.4%; Pred. No. 8.2e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13.6%; Score 245.5; DB 8; Length 1073; 26.4%; Pred. No. 8.2e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  vuery Match
13.5%; Score 244.5; DB 6; Length 512;
Best Local Similarity 27.8%; Pred. No. 3.6e-12;
RESULT 786
                                                                                                                                                                                                                                                                                                                                                         Human prostatic carcinoma derived protein SEQ ID 264 #1.
WO2004076614-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADR66410 standard; protein; 1073 AA.
Human prostatic carcinoma derived protein SEQ ID 264 #2.
WO2004076614-A2.
                                                                                                        Score 246.5; DB 8 Pred. No. 6.3e-12;
                                                                                                                                                                                                                                                                              13.6%; Score 246.5; DB 8 24.6%; Pred. No. 6.3e-12;
                                                                                                                                                                                                                     24-JUN-2004.
(SIGE-) SINGAPORE GEN HOSPITAL PTE LTD.
(FORR/) FORREST G R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABG03059 standard; protein; 792 AA.
Novel human diagnostic protein #3050.
11-OCT-2001.
           ADO28659 standard; protein; 1018 AA.
Human CONT protein SEQ ID NO:88.
WO2004044178-A2.
                                                                                                                                                             ADP67246 standard; protein; 1018 AA.
Human P3/Contactin protein.
WO2004052389-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAW06485 standard, peptide, 1018 AA.
Rat contactin ligand for RPTPbeta.
WO9637776-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADE56173 standard; protein; 1021 AA.
Rat Protein Q63198, SEQ ID NO 2022.
WO2003016475-A2.
                                                                                                                                                                                                                                                                                                                                     ADR66068 standard; protein; 1073 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADA55925 standard; protein; 512 AA.
Human protein, SEQ ID 2493.
EP1293569-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    19-MAR-2003.
(HELI-) HELIX RES INST.
(REAS-) RES ASSOC BIOTECHNOLOGY.
                                                   WOZOU-V...
27-MAY-2004.
(GETH ) GENENTECH INC.
MATCh ... 13.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13.5%;
24.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                27-FEB-2003.
(GEHO ) GEN HOSPITAL CORP.
(FARB ) BAYER AG.
                                                                                                                                                                                                                                                                                                                                                                                                            (HINZ/) HINZMANN B.
(DAHL/) DAHL B.
(ROSE) ROSENTHAL A.
(HERM/) HERMANN K.
(PILA/) PILARSKY C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (HINZ/) HINZMANN B.
(DAHL/) DAHL B.
(ROSE), ROSENTHAL A.
(HERM/) HERMANN K.
(PILA/) PILARSKY C.
                                                                                                      Query Match
Best Local Similarity
RESULT 782
                                                                                                                                                                                                                                                                                            Best Local Similarity
RESULT 783
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Local Similarity
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Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            28-NOV-1996.
(SUGE-) SUGEN INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (HYSE-) HYSEQ INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             10-SEP-2004.
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Best Local Si
RESULT 785
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                Query Match
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RESULT
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Score 241.5; DB 8; Length 1020;
Pred. No. 1.7e-11;
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Pred. No. 1.3e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         13.4%; Score 241.5; DB 2; Length 582; 24.4%; Pred. No. 7.9e-12;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 DB 2; Length 761;
                                                                                                                                                                    Score 242; DB 8; Length 2587; Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                    Length 2589;
                                               Length 2587;
                                                                                                                                                                                                                                                                                              Length 2589
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    13.3%; Score 241; DB 4; Length 891; 45.7%; Pred. No. 1.6e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADJ76385 standard; protein; 1020 AA.
Marker gene related amino acid sequence SEQ ID NO:1637
BP139474-A2.
(3-MAR-2004.
(GENO-) GENOX RES INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADI24547 standard; protein; 837 AA.
Human modifier of Chkl (MCHK) protein SEQ ID NO:97.
WO2004004785-Al.
                                                                                                                                                                                                                                                                                            Score 242; DB 5;
Pred. No. 5.5e-11;
                                              Score 242; DB 5;
Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                    Score 242; DB 8;
Pred. No. 5.5e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 241.5; DB 2
Pred. No. 1.1e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAR92256 standard; protein; 582 AA.
Neural cell adhesion molecule splice variant.
WO9604396-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABG07536 standard; protein; 891 AA.
Novel human diagnostic protein #7527.
WO200175067-A2.
                                                                                    ADL02236 standard; protein; 2587 AA.
Human OCP protein #3.
US2004053301-A1.
                                                                                                                                                                                                              ABG31323 standard; protein; 2589 AA. Human OCP protein. WO20024634-A2. 13-JUN-2002. (QUAR-) QUARK BIOTECH INC.
                                                                                                                                                                                                                                                                                                                                      ADL02244 standard; protein; 2589 AA.
Human OCP protein #5.
US2004053301-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABP69251 standard; protein; 2173 AA.
Human polypeptide SEQ ID NO 1298.
WO200270539-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAR92255 standard; protein; 761 AA. Neural cell adhesion molecule. W09664196-64196-115-FEB-1996. (SYST-) SYSTEMIX INC.
                                              13.4%; 27.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                   13.4%;
27.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13.4%;
24.3%;
                                                                                                                                                                    13.4%;
27.0%;
                                                                                                                                                                                                                                                                                            13.4%;
27.0%;
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Best Local Similarity 24.4%;
RESULT 802
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       / Match 13.4%;
Local Similarity 24.7%;
                                                                                                                                                                                                                                                                                                                                                                                   PD 18-MAR-2004.
PA (QUAR-) QUARK BIOTECH INC.
QUENTY MATCH 13.4%
B891 Local Similarity 27.0%
RESULT 800
                                                                                                                                    18-MAR-2004.
(QUAR-) QUARK BIOTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15-FEB-1996.
(SYST-) SYSTEMIX INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         15-JAN-2004.
(EXEL-) EXELIXIS INC.
(SKAL/) SKALITER R.
(FEIN/) FEINSTEIN E.
(FAER/) FAERMAN A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                            Best Local Similarity RESULT 798
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity RESULT 804
                                                                                                                                                                                                                                                                                                      Local Similarity
                                            Query Match
Best Local Similarity
RESULT 797
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 805
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(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
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RESULT 799
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RESULT
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                                                                                                                                                                                                                                                                                                                                         PN PE
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AAE00585 standard; protein; 793 AA.
Human nuclear cell adhesion molecule homologue, NCAM_c_l protein.
WO200129215-A2.
                                                                                                                                                                                                                                                                                                                                                                            AAE00586 standard; protein; 891 AA.
Human nuclear cell adhesion molecule homologue, NCAM_d_2 protein.
W0201129215-A2.
26-APR-2001.
(COMP-) COMPUGEN LID.
                                                                                                                                                                                                                               AAE00584 standard; protein; 848 AA.
Human nuclear cell adhesion molecule homologue, NCAM_c_2 protein.
WO200129215-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAE00582 standard; protein; 946 AA.
Human nuclear cell adhesion molecule homologue, NCAM_d_l protein.
WO200129215-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADR09877 standard; protein; 632 AA.
Human protein useful for treating neurological disease Seq 3383.
BP1447413-A2.
18-AUG-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DB 4; Length 1018;
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                                                                                                                                                                            Length 793
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                                Length 2173;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAE00583 standard; protein; 920 AA.
Human cell adhesion molecule homologue (CAM-H) protein #2.
WO200129215-A2.
26-APR-2001.
(COMP-) COMPUGEN LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Length 73;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human cell adhesion molecule homologue (CAM-H) protein w020129215-A2.
26-APR-2001. (COMP-) COMPUGEN LTD.
                                                                                                                                                                                                                                                                                                                          DB 4;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 4;
                                  Score 241; DB 5;
Pred. No. 5.3e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       13.2%; Score 238.5; DB 4 25.4%; Pred. No. 2.6e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 238.5; DB 4
Pred. No. 2.8e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              13.2%; Score 238.5; DB 4, 25.4%; Pred. No. 3.1e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
ery Match 13.1%; Score 237; DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               03-CCT-1996.
(UMDN-) UMDNJ UNIV NEW JERSEYS HEALTH SCI.
ery Match
13.1%; Score 237; DB 2;
                                                                                                                                                                              Score 238.5; DB 4
Pred. No. 2.2e-11;
                                                                                                                                                                                                                                                                                                                        Score 238.5; DB 4
Pred. No. 2.4e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 238.5; DB 4
Pred. No. 2.7e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAE00581 standard; protein; 1018 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAW05162 standard; protein; 73 AA.
Rat LAMP residues 46-118.
WO9630052-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAW05161 standard; protein; 73 AA. Human LAMP residues 46-118. WO9630052-A1.
                                  13.3%;
26.7%;
                                                                                                                                                                                                                                                                                                                        13.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13.2%;
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25.4%;
                                                                                                                                                                            13.2%;
                                                                                                                                      26-APR-2001.
(COMP-) COMPUGEN LTD.
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(COMP-) COMPUGEN LTD.
                                                                                                                                                                                                                                                                                        26-APR-2001.
(COMP-) COMPUGEN LTD.
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Best Local Similarity
RESULT 812
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
RESULT 810
                                Query Match
Best Local Similarity
RESULT 806
                                                                                                                                                                            Query Match
Best Local Similarity
RESULT 807
                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 808
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RESULT 809
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Best Local Similarity
RESULT 813
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12-SEP-2002.
(HYSE-) HYSEQ INC.
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Score 232.5; DB 8; Length 2783; Pred. No. 4e-10;
                      Query Match 12.9%; Score 232.5; DB 8; Length 967;
Best Local Similarity 26.8%; Pred. No. 9.4e-11;
RESULT 823
                                                                                                                                                                                                                                                                                                                                                 vuery Match
12.8%; Score 232; DB 5; Length 2401;
Best Local Similarity 26.9%; Pred. No. 3.6e-10;
RESULT 825
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12.8%; Score 232; DB 5; Length 2447; 26.9%; Pred. No. 3.7e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 232; DB 7; Length 2591;
Pred. No. 4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 232; DB 8; Length 2591;
Pred. No. 4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADH71822 standard; protein; 2591 AA.
Human protein of the invention NOV29aa SEQ ID NO:718.
WO2003102155-A2.
                                                                                                                                                                                                                                                                              ABG69614 standard; protein; 2401 AA. Human NOV12a protein. WO200550277-A2. 27-UTM-2002. (CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                            ABGG9619 standard; protein; 2447 AA. Human NOV12f protein. MO20050277-A2. 27-JUN-2002. (CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADJ83065 standard, protein, 2591 AA.
Human NOVX NOV12f protein.
US2003170630-A1.
                                                                                   ADN23691 standard; protein; 2783 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12.8%; 26.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          12.8%;
26.9%;
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Best Local Similarity 23.5%;
RESULT 824
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12.8%;
Best Local Similarity 26.9%;
RESULT 826
                                                                                                  Bacterial polypeptide #6344
US2003233675-A1.
18-DEC-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        MILLET I.
SCIORE P.
ELLERMAN K.
MACDOUGALL J R.
SMITHSON G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GORMAN L.
GANGOLLI E A.
FERNANDES E R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           BURGESS C E.
SHIMKETS R A.
GROSSE W M.
SZEKERES E S.
VERNET C A M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (ALSO/) ALSOBROOK J P. (TCHE/) TCHERNEV V T. (LIUX/) LIU X.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SPYTEK K A.
ZERHUSEN B D.
PATTURAJAN M.
 11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         RIEGER D K.
EDINGER S R.
GUNTHER E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                  (CHEN/) CHEN X. (GOLD/) GOLDMAN B S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
RESULT 827
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          CASMAN S J.
BOLDOG F L.
                                                                                                                                                               (HINK/) HINKLE G J. (SLAT/) SLATER S C.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LEPLEY D M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Ouery Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
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(MILL/)
(SCIO/)
(ELLE/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (MACD/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (RIEG/)
(EDIN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (GROS/)
(SZEK/)
(VERN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (GORM/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (GANG/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            CASM/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               BOLD/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FERN/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              SHIM/
                                                                                                                                                                                                                                                                              Score 235.5; DB 8; Length 2428; Pred. No. 1.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                              Score 235.5; DB 8; Length 2623; Pred. No. 2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             13.0%; Score 235.5; DB 8; Length 2623; 26.9%; Pred. No. 2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 234.5; DB 7; Length 1040; Pred. No. 7e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.9%; Score 233.5; DB 8; Length 1100; 24.9%; Pred. No. 9.2e-11;
                                                                                                                                                DB 8; Length 967;
                  13.0%; Score 235.5; DB 8; Length 632; 26.9%; Pred. No. 2.9e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 235; DB 8; Length 662; Pred. No. 3.4e-11;
                                                             ADM71818 standard, protein, 967 AA.
Human protein of the invention NOV29y SEQ ID NO:714.
MO2003102155-A2.
11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity 24.9%; Score 233.5; DB 8; Le
Best Local Similarity 24.9%; Pred. No. 9.2e-11;
RESULT 822
ID APH1816 standard; protein; 967 AA.
DE Human protein of the invention NOV29x SEQ ID NO:712.
PN WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human bladder cancer associated amino acid sequence. WO2004076613-A2.
                                                                                                                                                13.0%; Score 235.5; DB 8 27.1%; Pred. No. 5.2e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADS10577 standard; protein; 2623 AA.
Human therapeutic protein - SEQ ID 814.
WQ2004080148-A2.
23-SEP-2004.
(NUVE-) NUVELO INC.
                                                                                                                                                                                         ADS10576 standard; protein; 2428 AA.
Human therapeutic protein - SEQ ID 813.
WO2004080148-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADD47171 standard; protein; 1040 AA.
Rat Protein AAA42201, SEQ ID NO 12864.
WO2003016475-A2.
                                                                                                                                                                                                                                                                                                                         ADL02252 standard; protein; 2623 AA.
Human OCP protein #7.
US2004053301-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADR67266 standard; protein; 1100 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADN24073 standard; protein; 662 AA.
Bacterial polypeptide #6726.
US2003233675-A1.
(REAS-) RES ASSOC BIOTECHNOLOGY
                                                                                                                                                                                                                                                                              13.0%;
26.9%;
                                                                                                                                                                                                                                                                                                                                                                PD 18-MAR-2004.
PA (GUAR-) QUARK BIOTECH INC.
Query Match 13.0%;
Best Local Similarity 26.9%;
RESULT 818
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13.0%;
25.5%;
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25.8%;
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(GEHO ) GEN HOSPITAL CORP.
(FARB ) BAYER AG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         18-DEC-2003.
(CAOY/) CAO Y.
(HINK, HINKLE G J.
(SLAT/) SLATER S C.
(CHEN/) CHEN X.
(GOLD/) GOLDMAN B S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (HBRR/) HERR A.
(HINZ/) HINZMANN B.
(DAHL/) DAHL E.
(STAU/) STAUB E.
(PILA/) PILARSKY C.
(SPEC/) SPECHT T.
                 Query Match
Best Local Similarity
RESULT 815
                                                                                                                                         Query Match
Best Local Similarity
RESULT 816
                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
RESULT 817
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                                                                                                                                                                                                                                               23-SEP-2004.
(NUVE-) NUVELO INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10-SEP-2004
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RESULT 820
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RESULT 819
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Query Match
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                                                                             Score 232; DB 8; Length 2602; Pred. No. 4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.8%; Score 232; DB 7; Length 2617; 26.9%; Pred. No. 4.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 232; DB 8; Length 2617; Pred. No. 4.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 232; DB 8; Length 2617; Pred. No. 4.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 232; DB 8; Length 2617;
Pred. No. 4.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 2617;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADH71842 standard; protein; 2617 AA.
Human protein of the invention NOV29ak SEQ ID NO:738.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADH71852 standard; protein; 2617 AA.
Human protein of the invention NOV29ap SEQ ID NO:748.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADH71838 standard; protein; 2617 AA.
Human protein of the invention NOV29ai SEQ ID NO:734
WO2003102155-A2.
           ADH71820 standard; protein; 2602 AA.
Human protein of the invention NOV29z SEQ ID NO:716.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADH71770 standard; protein; 2617 AA.
Human protein of the invention NOV29a SEQ ID NO:666.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 232; DB 8;
Pred. No. 4.1e-10;
                                                                                                                   ADJ83055 standard; protein; 2617 AA.
Human NOVX NOV12a protein.
US2003170630-A1.
11-SEP-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 26.9%;
RESULT 832
                                                                             12.8%; 26.9%;
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26.9%;
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26.9%;
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26.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                 (EDIN/) EDINGER S R.
(GUNT/) GUNTHER E.
(MILL/) MILLET I.
(SCIO/) SCIORE P.
(ELLE) ELLERMAN K.
(MACD/) MACDOUGALL J R.
(SMIT/) SMITHSON G.
                                                                                                                                                                        (ALSO/) ALSOBROOK J P.
(TCHE/) TCHERNEV V T.
(LIUX/) LIU X.
(SPYT/) SPYTEK R A.
(ZERH/) ZERHUSEN B D.
(PATT/) PATTURAJAN M.
                                                                                                                                                                                                                                                                                                                                                 CASMAN S J.
BOLDOG F L.
GORMAN L.
GANGOLLI E A.
FERNANDES E R.
                                                                                                                                                                                                                                                                                SHIMKETS R A. GROSSE W M. SZEKERES E S. VERNET C A M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            11-DEC-2003.
(CURA-) CURAGEN CORP.
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(CURA-) CURAGEN CORP.
                                                  11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                          LEPLEY D M.
BURGESS C E.
                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity RESULT 833
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
Best Local Similarity
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RESULT 830
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Best Local Similarity
                                                                            Query Match
Best Local Si
RESULT 829
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                                                                                                                                                                                                                                          (PATT/)
(LEPL/)
(BURG/)
                                                                                                                                                                                                                                                                                (SHIM/)
(GROS/)
(SZEK/)
                                                                                                                                                                                                                                                                                                                                      (LILL/)
(CASM/)
(BOLD/)
                                                                                                                                                                                                                                                                                                                         (VERN/)
                                                                                                                                                                                                                                                                                                                                                                                                         (FERN/)
                                                                                                                                                                                                                                                                                                                                                                                                                       (RIEG/)
                                                                                                                                                                                                                                                                                                                                                                                            (GANG/
RESULT 828
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RESULT 831
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Length 2617;
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D ADH71836 standard; protein; 2617 AA.
E Human protein of the invention NOV29ah SEQ ID NO:732.
N W02003102155-A2.
1 1-DEC-2003.
A (CURA-) CURAGEN CORP.
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AUM 1850 Standard; protein; 2617 AA.
Human protein of the invention NOV29ao SEQ ID NO:746.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADH71846 standard; protein; 2617 AA.
Human protein of the invention NOV29am SEQ ID NO:742
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADH71854 standard; protein; 2617 AA.
Human protein of the invention NOV29ag SEQ ID NO:750.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADH71848 standard; protein; 2617 AA.
Human protein of the invention NOV29an SEQ ID NO:744.
WO2003102155-A2.
                                                                                                                                                  ADH71840 standard; protein; 2617 AA.
Human protein of the invention NOV29aj SEQ ID NO:736
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                         ADH71844 standard; protein; 2617 AA.
Human protein of the invention NOV29al SEQ ID NO:740
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity 26.9%; Pred. No. 4.1e-10;
RESULT 837
                                                                                             12.8%; Score 232; DB 8; 26.9%; Pred. No. 4.1e-10;
                                                                                                                                                                                                                                                   Score 232; DB 8;
Pred. No. 4.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 231; DB 2;
Pred. No. 1.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.8%; Score 232; DB 8; 26.9%; Pred. No. 4.1e-10;
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Pred. No. 4.1e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 232; DB 8;
Pred. No. 4.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAW29667 standard; protein; 1028 AA.
Homo sapiens DL185_1 clone secreted protein.
WO9830695-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABU07377 standard; protein; 3931 AA.
Human protein NOV9.
WO200285922-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SI-OCI-2002.
(CURA-) CURAGEN CORP.
(MILL-) MILLENNIUM PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         WOJGOUL-1998.
(GEMY ) GENETICS INST INC.
(ERY MATCh 12.8%;
                                                                                                                                                                                                                                                   12.8%; 26.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
Best Local Similarity 26.9%;
RESULT 838
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26.9%;
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(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11-DEC-2003.
(CURA-) CURAGEN CORP.
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(CURA-) CURAGEN CORP.
                                                                                                                                                                                                             11-DEC-2003.
(CURA-) CURAGEN CORP.
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(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                              11-DEC-2003.
(CURA-) CURAGEN CORP.
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                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
RESULT 836
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
RESULT 839
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                                                                                                            Best Local Similarity
RESULT 835
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Best Local Similarity
RESULT 841
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Best Local Similarity
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ADG39843 standard; protein; 1951 AA.
Protein similar to human NOV9 #4.
US2003203843-A1.
                                                                                            ADG39842 standard; protein; 1928 AA.
Protein similar to human NOV9 #3.
US2003203843-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADQ39442 standard; protein; 4393 AA
                    02-SEP-2004.
(SAGR-) SAGRES DISCOVERY INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PD 11-MAR-2004.
PA (RIGE-) RIGEL PHARM INC.
Query Match
Best Local Similarity 26.0%;
                                                                                                                                                                                                                                                                                                                                                                                             12.7%;
22.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             WCJSCCL...
25-NOV-1999.
(QUAR-) QUARK BIOTECH INC.
12.7%;
Hery Match '...ilarity 22.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12.7%;
26.0%;
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22.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 25-JAN-2001.
(INMR ) BIOMERIEUX STELHYS.
                                                                                                                                                                                                                                                                                          MALYANKAR U M.
WASSERMAN S M.
EDINGER S R.
SMITHSON G.
GUNTHER B.
KOMUVES I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        SHIMKETS R A.
PADIGARU M.
KEKUDA R.
SPYTEK K A.
MEHRABAN F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          MALYANKAR U M.
WASSERMAN S M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (EDIN/) EDINGER S R. (SMIT/) SMITHSON G. (GUNT/) GUNTHER E. (KOMU/) KOMUVES L.
                                                                                                                                                                                              SHIMKETS R A.
                                                                                                                                                                                                                               KEKUDA R.
SPYTEK K A.
MEHRABAN F.
TOPPER J N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
Best Local Similarity
RESULT 854
                                                                Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
RESULT 852
                                                                                                                                                                PENA C E A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PENA C E A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 855
                                                                                                                                                                                                               PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity RESULT 853
                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                             (GUNT/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (SHIM)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  12.8%; Score 230.5; DB 8; Length 1040; 25.0%; Pred. No. 1.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  12.8%; Score 230.5; DB 8; Length 961; 27.2%; Pred. No. 1.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 2; Length 868;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 961;
                                                                                                             12.8%; Score 231; DB 8; Length 1028; 26.7%; Pred. No. 1.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 231; DB 7; Length 3931;
Pred. No. 8.6e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 868;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADH71830 standard; protein; 961 AA.
Human protein of the invention NOV29ae SEQ ID NO:726.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADH71832 standard; protein; 961 AA.
Human protein of the invention NOV29af SEQ ID NO:728.
WO2003102155-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 2;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 230.5; DB 8;
Pred. No. 1.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.8%; Score 230.5; DB 2 25.2%; Pred. No. 1.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12.8%; Score 230.5; DB 2 25.2%; Pred. No. 1.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Mouse cancer-associated protein; 1040 AA. Mouse cancer-associated protein MP22-025.1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ABO84469 standard; protein; 3475 AA.
Human cancer-associated protein HP13-036.1.
                                                            24-JUN-2004.
(SIGE-) SINGAPORE GEN HOSPITAL PTE LTD.
(FORR/) FORREST G R.
                  ADP67247 standard; protein; 1028 AA.
                                                                                                                                                             ADG39786 standard; protein; 3931 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Rat muscle-specific kinase (MuSK). W0971811-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAW26507 standard; protein; 868 AA.
Rat Dmk receptor.
US5656473-A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 02-SEP-2004.
(SAGR-) SAGRES DISCOVERY INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12.8%;
27.2%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                            12.8%;
28.3%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12-AUG-1997.
(REGE-) REGENERON PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (REGE-) REGENERON PHARM INC.
                                                                                                                                                                            protein NOV9
                                                                                                                                                                                                                                                                                                                                                        (MALY) MALYANKAR U M.
(WASS) WASSERMAN S M.
(EDIN,) BDINGER S R.
(SMIT/) SMITHSON G.
(GUNT/) GUNTHER E.
(KOMU/) KOMUVES L.
                                                                                                                                                                                                                                                          SHIMKETS R A.
PADIGARU M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       11-DEC-2003.
(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
                                                                                                                           Best Local Similarity
RESULT 844
                                                                                                                                                                                                                                                                                           KEKUDA R.
SPYTEK K A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity RESULT 846
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                             PENA C E A.
                                Human NB-3 protein.
WO2004052389-A2.
                                                                                                                                                                                                                                                                                                                                           TOPPER J N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity RESULT 845
                                                                                                                                                                                                                                                                                                                            MEHRABAN F
                                                                                                                                                                              Human novel prote
US2003203843-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        19-JUN-1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Si
RESULT 849
                                                                                                          Query Match
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Best Local S
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RESULT 843
ID ADP672
DE Human
PN WO2004
PD 24-JUN
PA (FORE/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      RESULT 847
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ADL35758 standard; protein; 4393 AA.
Human perlecan (heparan sulphate proteoglycan 2; HSPG2) protein.
WO2004019893-A2.
  Length 3475;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     7; Length 1928;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 230; DB 7; Length 1951;
Pred. No. 4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 3117;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 4393;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 230; DB 8; Length 4393;
Pred. No. 1.2e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAY55667 standard; protein; 3117 AA.
Sequence gi/3328186 from an alignment with protein 608
WO9960164-A1.
12.8%; Score 230.5; DB 8; 24.3%; Pred. No. 8.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 230; DB 4;
Pred. No. 1.2e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 230; DB 3;
Pred. No. 7.7e-10
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 230; DB 7
Pred. No. 4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     AAB31889 standard; protein; 4393 AA.
Amino acid sequence of a human protein.
WO200105422-A2.
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Length 893;

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12.7%; Score 229.5; DB 8; Length 1183; 25.6%; Pred. No. 2.3e-10;
                                                                                                                                                                                                                   12.7%; Score 229.5; DB 8; Length 893; 25.6%; Pred. No. 1.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ABMWB3685 standard; protein; 1171 AA. Human diagnostic and therapeutic pprotein SEQ ID NO:3934 WO2004023973-A2.
                                                               8;
                                                                                                                                                                                                                                                                                                                                                                          12.7%; Score 229.5; DB 8; 25.6%; Pred. No. 2.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          12.7%; Score 229.5; DB 8; 25.6%; Pred. No. 2.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  DB 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.7%; Score 229.5; DB 8; 25.6%; Pred. No. 2.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12.7%; Score 229.5; DB 8; 25.6%; Pred. No. 2.2e-10;
                                                             12.7%; Score 229.5; DB 8 25.6%; Pred. No. 1.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12.7%; Score 229.5; DB 8 25.6%; Pred. No. 2.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12.7%; Score 229.5; DB 8 25.6%; Pred. No. 2.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADL16604 standard; protein; 1183 AA.
Human 282PJG3 polypeptide #45.
WO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                        ADL16626 standard; protein; 1117 AA. Human 282P1G3 polypeptide #58. WO2004016734-A2. 26-FEB-2004. (AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                   ADL16590 standard; protein; 1117 AA.
Human 282P1G3 polypeptide #37.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADL16447 standard; protein; 1117 AA.
Human 282P1G3 polypeptide #13.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADL16433 standard; protein; 1117 AA.
Human 282PlG3 polypeptide #4.
WO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADL16592 standard; protein; 1117 AA.
Human 282P1G3 polypeptide #39.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADL16628 standard; protein; 1183 AA.
Human 282P1G3 polypeptide #60.
WO2004016734-A2.
                                                                                                                  D ADL16431 standard, protein; 893 AA.
E Human 282P1G3 polypeptide #3.
N W02004016734-A2.
2 G-FEB-2004.
A (AGEN-) AGENSYS INC.
Ouery Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 26-FEB-2004.
(AGEN-) AGENSYS INC.
    WO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                             Query Match
Best Local Similarity
RESULT 866
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
Best Local Similarity
RESULT 871
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(AGEN-) AGENSYS INC.
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Best Local Similarity
RESULT 872
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Best Local Similarity
RESULT 869
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Best Local Similarity
RESULT 870
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           25-MAR-2004.
(INCY-) INCYTE CORP.
                                                                                                                                                                                                                                    Best Local Similarity RESULT 867
                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 868
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity RESULT 873
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity RESULT 874
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Human myocardial infarction-associated gene derived protein, SEQ ID 1105.
W20040468052-A2.
15-JUL-2004.
(APPL-) APPLERA CORP.
                                                                                                                                                                                                                                                                                                                                                                                            12.7%; Score 229.5; DB 8; Length 849; 25.6%; Pred. No. 1.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12.7%; Score 229.5; DB 8; Length 851; 25.6%; Pred. No. 1.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              / Match 12.7%; Score 229.5; DB 2; Length 869;
Local Similarity 26.4%; Pred. No. 1.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Length 869;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            12.7%; Score 229.5; DB 8; Length 869; 26.4%; Pred. No. 1.5e-10;
                                                                                                                                                                                                                                      Length 4436;
                                                                             12.7%; Score 230; DB 8; Length 4393; 26.0%; Pred. No. 1.2e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADQ89844 standard; protein; 869 AA.
Antagonist of cell cycle progression polypeptide #137.
MO2004063352-A2.
29-JUL-2004.
(CYCL-) CYCLACEL LTD.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 229.5; DB 2;
Pred. No. 1.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.7%; Score 229.5; DB 8; 25.6%; Pred. No. 1.5e-10;
                                                                                                                                                                                                                                    12.7%; Score 230; DB 4; 26.0%; Pred. No. 1.2e-09;
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                                                                                                                                    B ABG23265 standard; protein; 4436 AA.

R Novel human diagnostic protein #23256.

N W0200175667-A2.

N W1-CCT-2001.

A (HYSE-) HYSEQ INC.

Query Match
                                                                                                                                                                                                                                                                                           ADL16585 standard; protein; 849 AA.
Human 282P1G3 polypeptide #35.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADL16586 standard, protein; 851 AA. Human 282P1G3 polypeptide #36. WO2004016734-A2. 26-FEB-2004. (AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAW26611 standard; protein; 869 AA.
Human muscle-specific kinase (MuSK)
W09721811-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADL16446 standard; protein; 893 AA.
Human 282P1G3 polypeptide #12.
W02004016734-A2.
26-FEB-2004.
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Human 282P1G3 polypeptide #34.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADL16625 standard; protein; 893 AA.
Human 282P1G3 polypeptide #57.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AAW26506 standard; protein; 869 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    (REGE-) REGENERON PHARM INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12-AUG-1997.
( (REGE-) REGENERON PHARM INC.
Query Match 12.7%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 26.4%;
                                                                                                                                                                                                                                                                                                                                                              PA (AGEN-) AGENSYS INC.
Query Match
Best Local Similarity
RESULT 859
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 863
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Query Match
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                                                                                         Best Local Similarity RESULT 857
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity
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                                                                                                                                                                                                                                                    Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human Dmk receptor,
US5656473-A.
                                                                                                                                                                                                                                                                                                                                                        26-FEB-2004
                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
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RESULT 862
                                                                                                                                                                                                                                                                          RESULT 858
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Length 1117;

Length 1117;

Length 1117;

Length 1117;

Length 1171;

Length 1117;

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ADL16597 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #41.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADL16452 standard; protein; 1224 AA.
Human 282PtG3 polypeptide #18.
WO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                 ADD16443 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #9.
WO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                            ADL16621 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #53.
WO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADL16579 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #32.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADL16455 standard, protein; 1224 AA.
Human 282P1G3 polypeptide #21.
WO2004016774-A2.
26-FEB-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADL16623 standard; protein; 1224 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADL16427 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #1.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Human 282P1G3 polypeptide #55.
WO2004016734-A2.
PA (MITO-) MITOKOR.

PA (BUCK-) BUCK INST AGE RES.

Query Match

Best Local Similarity 25.6%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       26-FEB-2004, (AGEN-) AGENSYS INC.
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(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
RESULT 886
                                                                                                                                                                                                                                                                                                                    26-FEB-2004.
(AGEN-) AGENSYS INC.
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Best Local Similarity
RESULT 889
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(AGEN-) AGENSYS INC.
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RESULT 891
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADJ69602 standard; protein; 1224 AA.
Human heat mitochondrial protein as a therapeutic target SeqID1408.
WO2003087768-A2.
                                                                                                                                                                                                                                                                                                                                                       12.7%; Score 229.5; DB 8; Length 1183; 25.6%; Pred. No. 2.3e-10;
                                          12.7%; Score 229.5; DB 8; Length 1183; 25.6%; Pred. No. 2.3e-10;
                                                                                                                                                                                                 12.7%; Score 229.5; DB 8; Length 1183; 25.6%; Pred. No. 2.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.7%; Score 229.5; DB 8; Length 1183; 25.6%; Pred. No. 2.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        12.7%; Score 229.5; DB 8; Length 1208; 25.6%; Pred. No. 2.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12.7%; Score 229.5; DB 8; Length 1208; 25.6%; Pred. No. 2.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      12.7%; Score 229.5; DB 8; Length 1208; 25.6%; Pred. No. 2.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12.7%; Score 229.5; DB 8; Length 1208; 25.6%; Pred. No. 2.3e-10;
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                                                                                                 ADL16449 standard; protein; 1183 AA.
Human 282P1G3 polypeptide #15.
WO2004016734-A2.
                                                                                                                                                                                                                                                     ADL16602 standard; protein; 1183 AA. Human 282PlG3 polypeptide #43. WO2004016734-A2. 26-FEB-2004. (AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                          ADL16437 standard; protein; 1183 AA.
Human 282P1G3 polypeptide #6.
WQ2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADL16627 standard; protein; 1208 AA.
Human 282PlG3 polypeptide #59.
WQ2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADL16448 standard; protein; 1208 AA. Human 282PlG3 polypeptide #14. WO2004016734-A2. 26-FEB-2004. (AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADL16596 standard; protein; 1208 AA.
Human 282P1G3 polypeptide #40.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADL16598 standard; protein; 1208 AA.
Human 282P1G3 polypeptide #42.
WO2004016734-A2.
26-PEB-2004.
) 26-FEB-2004.
A (AGEN-) AGENSYS INC.
Query Match
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Best Local Similarity
RESULT 879
                                                      Best Local Similarity RESULT 875
                                                                                                                                                        26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                            Query Match
Best Local Similarity
RESULT 876
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(AGEN-) AGENSYS INC.
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RESULT 880
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A (AGEN-) AGENSYS INC.
Query Match
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Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           23-OCT-2003
                                                                                                                                                                                                                                                                                                                                                       Query Match
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Best Local S
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8; Length 1224;
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Length 1224;
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Best Local Similarity 25.6%; Pred. No. 2.4e-10;
RESULT 888
Score 229.5; DB 7;
Pred. No. 2.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.7%; Score 229.5; DB 8; 25.6%; Pred. No. 2.4e-10;
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                                                                                                                                                                  12.7%; Score 229.5; DB 8 25.6%; Pred. No. 2.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADL16457 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #23.
WO2004016734-A2.
26-FgB-2004.
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12.7%; Score 229.5; DB 8; Length 1224; 25.6%; Pred. No. 2.4e-10;
                                                                                                                                                        12.7%; Score 229.5; DB 8; Length 1224; 25.6%; Pred. No. 2.4e-10;
                                                                                                                                                                                                                                                                                                   Length 1224;
                                                                                                                                                                                                                                                                                                                                                                                                                                             12.7%; Score 229.5; DB 8; Length 1224; 25.6%; Pred. No. 2.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12.7%; Score 229.5; DB 8; Length 1224; 25.6%; Pred. No. 2.4e-10;
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                  12.7%; Score 229.5; DB 8; Length 1224; 25.6%; Pred. No. 2.4e-10;
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                                                                                                                                                                                                                                                                                                 12.7%; Score 229.5; DB 8; 25.6%; Pred. No. 2.4e-10;
                                                                  ADL16591 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #38.
WO2004016734-A2.
                                                                                                                                                                                                        ADL16620 standard; protein; 1224 AA.
Human 282PlG3 polypeptide #52.
MO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                    ADL16456 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #22.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADL16615 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #50.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADL16622 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #54.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADL16444 standard; protein; 1224 AA.
Human 282PlG3 polypeptide #10.
MO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADL16458 standard; protein; 1224 AA. Human 282PJG3 polypeptide #24. WQ2004016734-A2. 26-FEB-2004. (AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADL16550 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #27.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADL16459 standard; protein; 1224 AA. Human 282PJG3 polypeptide #25. WO2004016734-A2. 26-FEB-2004. (AGEN-) AGENSYS INC.
                                                                                                                     26-FEB-2004.
(AGEN-) AGENSYS INC.
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(AGEN-) AGENSYS INC.
Query Match
(AGEN-) AGENSYS INC.
              Query Match
Best Local Similarity
RESULT 893
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Best Local Similarity
RESULT 894
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(AGEN-) AGENSYS INC.
Query Match
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(AGEN-) AGENSYS INC.
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(AGEN-) AGENSYS INC.
Query Match
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Best Local Similarity
RESULT 899
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Best Local Similarity
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Best Local Similarity
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RESULT 900
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Human myocardial infarction-associated gene derived protein, SEQ ID 1102. (APPL-) APPLERA CORP.
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Human myocardial infarction-associated gene derived protein, SEQ ID 1104.
WO2004058052-A2.
15-JUL-2004.
(APPL-) APPLERA CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       AD039440 standard; protein; 4346 AA.
Human myocardial infarction-associated gene derived protein, SEQ ID 1103.
WO2004058052-A2.
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Human heat mitochondrial protein as a therapeutic target SeqID1267.
WO2003087768-A2.
                                                                                                                                                                                                                                                                                                 Length 1224;
                                                                                                                                                   12.7%; Score 229.5; DB 8; Length 1224; 25.6%; Pred. No. 2.4e-10;
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     Length 1224;
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Pred. No. 1.5e-09;
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       Score 229.5; DB 8;
Pred. No. 2.4e-10;
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Pred. No. 1.1e-09;
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Pred. No. 1.5e-09;
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Pred. No. 1.5e-09;
Ouery Match
Best Local Similarity 25.6%; Fred. No. RESULY 902
D ADL16603 standard; protein; 1224 AA. DE Human 282P1G3 polypeptide #44.
PN WO2004016734-A2.
PD 26-FEB-2004.
PA (AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity 25.6%; Pred. No. RESULT 92.00
ID ADL16609 standard; protein; 1224 AA. DE Human 282P1G3 polypeptide #47. PN WO2004016734-A2. PN G2004016734-A2. PA (AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABG16336 standard; protein; 1483 AA. Novel human diagnostic protein #16327, WO200175067-A2.
                                                                                                                                                                                                     ADL16453 standard; protein; 1224 AA.
Human 282PlG3 polypeptide #19.
MO2004016734-A2.
26-FEB-2004.
(AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                     ADL16632 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #63.
WO2004016734-A2.
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(BUCK-) BUCK INST AGE RES.

12.7%; Sr
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26.0%;
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26.0%;
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Best Local Similarity 26.0%;
RESULT 908
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(APPL-) APPLERA CORP.
                                                                                                                                               Query Match
Best Local Similarity
RESULT 903
                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
RESULT 904
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(AGEN-) AGENSYS INC.
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RESULT 909
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377

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ADS17276 standard; protein; 869 AA.
Human muscle specific tyrosine kinase receptor (MuSK-R) protein fragment.
US6790614-B1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADROB740 standard, protein, 1113 AA.
Human protein useful for treating neurological disease Seq 2246.
EP1447413-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AG77856 standard; protein; 869 AA.
AAG77856 standard; protein; 869 AA.
Protein of muscle specific tyrosine kinase receptor (hMuSK-R).
WO200172834-A1.
(04-CCT-2001.
(NOVS ) NOVARTIS-ARFINDUNGEN VERW GES MBH.
(NOVS ) NOVARTIS-ERFINDUNGEN VERW GES MBH.
12.4%; Score 224.5; DB 4; Length 869;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 1113;
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                                                                                                                            Length 576;
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Human muscle specific tyrosine kinase receptor, hMuSK-R.
US2002150876-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AAB68421 standard; protein; 869 AA.
Amino acid seguence of a human MuSK-R polypeptide
WO200136559-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           PD 25-MAY-2001-D2.
PA (NOVS) NOVARTIS AG.
PA (NOVS) NOVARTIS-ERFINDUNGEN VERW GES MBH.
Query Match 12.4%; Score 224.5; DB 4;
Best Local Similarity 26.0%; Pred. No. 4e-10;
                                                                                                                        DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 224.5; DB 8;
Pred. No. 4e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 8;
                                                                                                                                                                                                                                                    04-0CT-2vv.

(NOVS) NOVARTIS AG.

(NOVS) NOVARTIS-ERFINDUNGEN VERW GES MBH.

12.4%; Score 224.5; DB 4.

DTV Match ...-+v. 26.0%; Pred. No. 2.3e-10;
                                                                                                                        12.4%; Score 224.5; DB 4 26.0%; Pred. No. 2.3e-10;
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ABG74130 standard; protein; 576 AA.
Human hMuSK-R deletion mutant mMuSK-RII.
VS2002150876-A1.
17-0CT-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABG22633 standard; protein; 981 AA.
Novel human diagnostic protein #22624.
WO200175067-A2.
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Human 282P1G3 polypeptide #31.
WO2004016734-A2.
                                                                                                                                                                                     AAG77858 standard; protein; 576 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (REAS-) RES ASSOC BIOTECHNOLOGY.
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26.0%;
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Best Local Similarity 26.0%;
RESULT 921
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Best Local Similarity 26.0%;
SSULT 924
                                                                                                                                                                                                           Mutant protein mMuSK-RII.
WO200172834-A1.
04-OCT-2001.
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(NOVS ) NOVARTIS AG.
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                                                                                                                                         Best Local Similarity
RESULT 920
                                                                              (PIPP/) PIPPIG S D. (VERE/) VERES G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                         (PIPP/) PIPPIG S D. (VERE/) VERES G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
RESULT 926
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity
RESULT 922
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 927
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  11-OCT-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          26-FEB-2004
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                                                                                                                          Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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PA (GETH ) GENENTECH INC.
Query Match
12.4%; Score 224.5; DB 8;
Best Local Similarity 25.3%; Pred. No. 6.4e-10;
RESULT 937
                                                                                                                                                                                                                                                                 12-AUG-2004.
(EXEL-) EXELIXIS INC.
                                                                                                                                                                           Best Local Similarity RESULT 938
                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity RESULT 940
                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
RESULT 939
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Best Local Similarity
RESULT 944
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Best Local Similarity
RESULT 945
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Best Local Similarity
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(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (HYSE-) HYSEQ INC.
                                                                                                                                                                    Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADL15032 standard; protein; 1224 AA.
Human neural cell adhesion molecule protein for cancer treatment
WO2003068268-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              vuery Match
12.4*; Score 224.5; DB 8; Length 1224;
Best Local Similarity 25.3*; Pred. No. 6.4e-10;
RESULT 935
                                                                                                                                                               12.4%; Score 224.5; DB 8; Length 1171; 25.3%; Pred. No. 6e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                               12.4%; Score 224.5; DB 8; Length 1171; 25.3%; Pred. No. 6e-10;
                                12.4%; Score 224.5; DB 8; Length 1171; 25.3%; Pred. No. 6e-10;
                                                                                                                                                                                                                                                                                              12.4%; Score 224.5; DB 8; Length 1171; 25.3%; Pred. No. 6e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 224.5; DB 8; Length 1171; Pred. No. 6e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 224.5; DB 7; Length 1224; Pred. No. 6.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 224.5; DB 7; Length 1224; Pred. No. 6.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12.4%; Score 224.5; DB 8; Length 1224; 25.3%; Pred. No. 6.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AD075519 standard, protein; 1224 AA.
Marker gene related amino acid sequence SEQ ID NO:771.
EP1394274-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADE55236 standard; protein; 1224 AA.
Human Protein AAB60937, SEQ ID NO 1049.
WO2003016475-A2.
                                                                             ADL16624 standard; protein; 1171 AA. Human 282P1G3 polypeptide #56. WO2004016734-A2. 26-FEB-2004. (AGEN-) AGENSYS INC.
                                                                                                                                                                                                        ADL16580 standard; protein; 1171 AA.
Human 282PLG3 polypeptide #33.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                            ADL16429 standard; protein; 1171 AA.
Human 282P1G3 polypeptide #2.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADL16445 standard; protein; 1171 AA. Human 282PJG3 polypeptide #11. WO2004016734-A2. 26-FEB-2004. (AGEN-) AGENSYS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADL16454 standard; protein; 1224 AA.
Human 282P1G3 polypeptide #20.
WO2004016734-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADNO4062 standard; protein; 1224 AA. Antipsoriatic protein sequence #226.08-APR-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.4%;
25.3%;
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25.3%;
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(GEHO ) GEN HOSPITAL CORP.
(FARB ) BAYER AG.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                21-AUG-2003.
(BIOI-) BIOINVENT INT AB.
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(GENO-) GENOX RES INC.
                                                                                                                                                                                                                                                               ) 26-FEB-2004.
(AGEN-) AGENSYS INC.
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity RESULT 934
               (AGEN-) AGENSYS INC.
                              Query Match
Best Local Similarity
RESULT 928
                                                                                                                                                             Query Match
Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                            26-FEB-2004.
(AGEN-) AGENSYS INC.
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Best Local Similarity
RESULT 931
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(AGEN-) AGENSYS INC.
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RESULT 936
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RESULT 929
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RESULT 932
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Length 1645;
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Length 1224;
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                                                          AD019766 standard; protein; 1224 AA.
Human soft tissue sarcoma-upregulated protein - SEQ ID 2585.
W0200409889A2.
[10.JUN-2004.
(PROT-) PROTEIN DESIGN LABS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            76-SEP-2002.
(ELLL) LILLY & CO ELI.
(ery Match 12.4%; Score 224; DB 6; Length 68;
(ery Match 15.7%; Pred. No. 1.4e-11;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human LP289 protein immunoglobulin-like domain #1.
                                                                                                                                                                                                                                   ADRI4776 standard; protein; 1224 AA.
Amino acid sequence of human MAPCAX orthologue #8.
WO2004066948-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     29-APR-2004.
(FIVE-) FIVE PRIME THERAPEUTICS INC.
(FIVE-) FIVE PRIME THERAPEUTICS INC.
12.4%; Score 224.5; DB 8;
12.4%; Score 224.5; DB 8;
12.4%; Pred. No. 9.1e-10;
                                                                                                                                                                       12.4%; Score 224.5; DB 8; 25.3%; Pred. No. 6.4e-10;
                                                                                                                                                                                                                                                                                                                                            12.4%; Score 224.5; DB 8; 25.3%; Pred. No. 6.4e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12.4%; Score 224.5; DB 4; 23.9%; Pred. No. 9.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12.4%; Score 224.5; DB 4; 23.9%; Pred. No. 1.1e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DB 8;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           A ADR29354 standard; protein; 1583 AA.

A Human secreted protein SEQ ID #121.

N W02004035732-A2.

S 29-APR-2004.

A (FIVE) FIVE PRIME THERAPEUTICS INC.

Query Match

Dest Local Similarity 23.9%; Pred. No. 9.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 224.5; DB 4
Pred. No. 1.2e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Novel human diagnostic protein; 1944 AA.
Novel human diagnostic protein #12008.
W0200175067-A2.
11-0CT-2001.
(HYSE-) HYSEQ INC.
iry Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABG22631 standard; protein; 1765 AA.
Novel human diagnostic protein #22622.
W0200175667-A2.
11-OCT-2001.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABG20008 standard; protein; 1645 AA.
Novel human diagnostic protein #19999.
WO200175067-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Novel human diagnostic protein; 434 AA. W0200175067-A2.
                                                                                                                                                                                                                                                                                                                                                                                               ADP29420 standard; protein; 1583 AA.
Human secreted protein SEQ ID #187.
WO2004035732-A2.
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23.9%;
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Best Local Similarity 23.9%; Pred. No. 5.8e-10; RESULT 955
                                                                                                                                                                                                          ADL11860 standard; protein; 697 AA.
Human protein encoded by a full length cDNA clone SeqID 3893
EP1396543-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAU00825 standard; protein; 1059 AA.

3. Human immune response protein PR0335 (UNQ287).

4. W0200119991-A1.

5. 22-MAR-2001.

4. (GETH ) GENENTECH INC.

12.4%; Score 224; DB 4; Length 1059;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   / Match 12.4%; Score 224; DB 2; Length 1059; Local Similarity 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         vuery Match 12.4%; Score 224; DB 2; Length 1059;
Best Local Similarity 23.9%; Pred. No. 5.8e-10;
RESULT 951
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 224; DB 3; Length 1059; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 224; DB 3; Length 1059;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Length 1059;
          12.4%; Score 224; DB 4; Length 434; 25.5%; Pred. No. 1.7e-10;
                                                                                                                                                         Query Match 12.4%; Score 224; DB 4; Length 697; Best Local Similarity 23.9%; Pred. No. 3.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12.4%; Score 224; DB 4; Length 737; 25.5%; Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                     12.4%; Score 224; DB 8; Length 697; 23.9%; Pred. No. 3.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 224; DB 4;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAY13393 standard; protein; 1059 AA. Amino acid sequence of protein PRO335.W09914328-A2.
                                                                                                                                                                                                                                                                                                                                                                          ABG02019 standard; protein; 737 AA.
Novel human diagnostic protein #2010.
W0200175067-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAY08095 standard; protein; 1059 AA.
Human PRO335 protein.
WO9914241-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADC78602 standard; protein; 1059 AA.
Human PRO335 protein.
WO200015796-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAB80261 standard; protein; 1059 AA.
Human PRO335 protein.
WO200104311-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAY70672 standard; protein; 1059 AA
                                                                protein; 697 AA
SEQ ID NO: 3893
                                                                                                                                                                                                                                                                           10-MAR-2004.
(REAS-) RES ASSOC BIOTECHNOLOGY.
Query Match 12.4%; Sco
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RESULT 952
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Best Local Similarity 23.9%;
RESULT 953
                                                                                                                       05-SEP-2001.
(HELI-) HELIX RES INST.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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WO200015797-A2.
23-MAR-2000.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
Query Match
Best Local Similarity
RESULT 946
                                                                                                                                                                                                                                                                                                                                 Best Local Similarity RESULT 948
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                              AAM93829 standard;
                                                                                   Human polypeptide,
EP1130094-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                               11-OCT-2001.
(HYSE-) HYSEQ INC.
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Best Local Si
RESULT 950
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Length 1059;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                          анои1823 standard; protein; 1059 AA.
Novel human secreted and transmembrane protein PRO335.
US202197671-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  / transmembrane polypeptide PRO335
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PA (GETH ) GENENTECH INC.

Query Match 12.4%; Score 224; DB 6;
BBST Local Similarity 23.9%; Pred. No. 5.8e-10;
RESULT 958
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19-56P-2002.
(GETH ) GENENTECH INC.
(GETH ) GENENTECH INC.
12-4%; Score 224; DB 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   A2047411 standard; protein; 1059 AA.
Human secreted/transmembrane polypeptide PR0335
US2003044819-A1.
06-MAR-2003.
(GETH ) GENENTECH INC.
                                                                                                 Score 224; DB 6;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 12.4%; Score 224; DB 6; Best Local Similarity 23.9%; Pred. No. 5.8e-10; RESULT 962
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 224; DB 6;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                            Score 224; DB 6;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          12.4%; Score 224; DB 6; 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.4%; Score 224; DB 6; 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 224; DB 6;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                               ABU71940 standard; protein; 1059 AA.
Human secreted/transmembrane protein PRO335.
US2003003530-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABUS4196 standard; protein; 1059 AA.
Human secreted/transmembrane protein PRO335.
US2002132240-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Human secreted/transmembrane protein, #52. US2002160374-A1.
DE ABU71639 standard; protein; 1059 AA.
DE Human PRO polypeptide #50.
PN US2002146709-A1.
PD 10-CCT-2002.
PA (GETH ) GENENTECH INC.
QUERY MACCh
Best Local Similarity 23.9%; Pred. No.
RESULT 956
                                                                                                                                                        ABU71494 standard; protein; 1059 AA.
Human PRO polypeptide #50.
US2002192659-A1.
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20-FEB-2003,
(GETH ) GENENTECH INC.
Match '12.4%;
                                                                                                                                                                                                                 PD 19-DEC-2002.

PA (GETH ) GENENTECH INC.

QUEYY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 957
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 12.4%;
'Best Local Similarity 23.9%;
RESULT 963
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Best Local Similarity 23.9%;
RESULT 960
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30-JAN-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           31-OCT-2002.
(GETH ) GENENTECH INC.
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Best Local Similarity
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Best Local Similarity
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RESULT 959
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12.4%; Score 224; DB 6; Length 1059; 23.9%; Pred. No. 5.8e-10;
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Best Local Similarity 23.9%; Pred. No. 5.8e-10;
RESULT 972
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Pred. No. 5.8e-10;
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             ABU69671 standard; protein; 1059 AA.
Novel human secreted and transmembrane protein PRO335.
US2003017463-A1.
                                                                                                                                                           Human secreted / transmembrane polypeptide PR0335.
US2003027143-A1.
06-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 224; DB 6;
Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
                                                                                             12.4%; Score 224; DB 6; 23.9%; Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
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Human secreted/transmembrane protein PR0335.
US2003045693-A1.
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Human secreted/transmembrane protein, #54.
US2003054401-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADA16326 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003049621-A1.
                                                                                                                                                                                                                                                                      ADB29495 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
15.20030.92002-A1.
15.MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                      ADA18351 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54
US2003039971-A1.
                                                                                                                                            ABO14853 standard; protein; 1059 AA.
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US2003064367-Al.
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06-MAR-2003.
(GETH ) GENENTECH INC.
12.4%;
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RESULT 967
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23.9%;
                                                    PD 23-JAN-2003.
PA (GETH ) GENENTECH INC.
QUERY MATCH 12.
Best Local Similarity 23.
RESULT 965
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 968
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Best Local Similarity
RESULT 973
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Best Local Similarity
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Best Local S
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RESULT 964
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Query Match 12.4%; Score 224; DB 7; Length 1059; Best Local Similarity 23.9%; Pred. No. 5.8e-10; RESULT 982
                                                                                                   Length 1059;
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DE Human secreted/transmembrane protein, #54.

PN US2003017498-A1.

PD 23-JAN-2003.

PA (GETH ) GENENTECH INC.

Query Match

12.4%; Score 224; DB 7;

Query Match

RESULT 977
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(GETH ) GENENTECH INC.
lery Match 12.4%; Score 224; DB 7;
lery Match 23.9%; Fred. No. 5.8e-10;
                                                                                                   Score 224; DB 7;
Pred. No. 5.8e-10;
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12.4%; Score 224; DB 7;

17.4%; Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
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Human secreted/transmembrane protein, #54.
US2003077654-A1.
24-APR-2003.
(GETH) GENENTECH INC.
12.4%; Score 224; DB 7; St. Local Similarity 23.9%; Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
ADA16750 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003039969-A1.
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                                                                                                                                                            ADA13179 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
                                                                                                                                                                                                                                                                                                                         ADA42047 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003082540-A1.
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Human secreted/transmembrane protein, #54.
US2003082542-A1.
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Human secreted/transmembrane protein, #54
US2003054351-A1.
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Human PRO polypeptide #50.
US2003064923-A1.
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                                      US200305...
27-FEB-2003.
(GETH ) GENENTECH INC.
12.4%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

BEST LOCAL Similarity 23.9%;

RESULT 976
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Best Local Similarity 23.9%;
RESULT 981
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Best Local Similarity 23.9%;
RESULT 978
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 975
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RESULT 980
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13-MAR-2003.
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US2003054349-A1.
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                                                            Length 1059;
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                                                                                                                                                                                                                                                                                                      Score 224; DB 7; Length 1059;
Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
                                                                                                  ADC40312 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003059829-A1.
                                                                                                                                                                                                                        ADC19136 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
U0520036061-A1.
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Human secreted/transmembrane protein, #54.
US2003054441-A1.
Human secreted/transmembrane protein, #54.
US2003059828-A1.
                                                                                                                                                                                                                                                                                                                                                ADC34436 standard; protein; 1059 AA. Human secreted/transmembrane protein, #54. US2003036094-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADC29491 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003049676-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADC29022 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003049677-A1.
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Human secreted/transmembrane protein, #54.
US2003073077-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADC40907 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003054400-A1.
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Human secreted/transmembrane protein, #54
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23.9%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
Query Match 1
                                           GENENTECH INC
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                        Best Local Similarity RESULT 984
                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
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Best Local Similarity
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                                                         Query Match
Best Local Similarity
RESULT 983
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(GETH ) GEN
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RESULT 986
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RESULT 988
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RESULT 989
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 1059;
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                                                                                                       Score 224; DB 7;
Pred. No. 5.8e-10;
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                                                                                                                                                                                                                                                                                                                                                                               Score 224; DB 7;
Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 7;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 224; DB 7;
Pred. No. 5.8e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ...... standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003104381-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADJ26453 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
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Human secreted/transmembrane protein, #54.
US2003135025-A1.
                                                                                                                                                                                                       ADC12534 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54
US2003082541-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADD05089 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003104469-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADD03671 standard; protein; 1059 AA.
Human secreted/fransmembrane protein, #54.
US2003108933-A1.
12-JUN-2003.
(GETH ) GENENTECH INC.
GETH ) GENENTECH INC.
ETY MARCH | 12.44; Score 224; I structure | 12.44; Score 224; I str
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADE34923 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54
US2003077583-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADH59406 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54
US2003039972-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADI38185 standard; protein; 1059 AA. Human secreted/transmembrane protein, #54. US2003054352-A1.
US20030,...
17-APR-2003.
(GETH ) GENENTECH INC.
12.4%; SC
                                                                                                                                                                                                                                                                           /S2003vc...
31-MXY-2003.
(GETH ) GENENTECH INC.
12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US200310-10
05-JUN-2003.
(GETH) GENENTECH INC.
12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US2003101.
05-JUN-2003.
(GETH ) GENENTECH INC.
12.4%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

BBSt Local Similarity 23.9%;

RESULT 997
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            27-FEB-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       20-MAR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   20-MAR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity
RESULT 995
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 998
                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
RESULT 993
                                                                                                                            Best Local Similarity
RESULT 992
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity
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SULT 996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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Length 1059;

Length 1059;

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DE Human secreted/transmembrane protein, #54.

PN US2003027146-A1.

PD 06-FBB-2003.

PA (GFTH) GENENTECH INC.

Query Match

Best Local Similarity 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12.4%; Score 224; DB 8; Length 1059; 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                   ID ADG92386 standard; protein; 1059 AA.

BE Human secreted/transmembrane protein, #54.

PD 06-FEB-2003.

PA (GETH) GENENTECH INC.

Query Match

Best Local Similarity 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            20-NOV-2003,
20-NOV-2003,
(GETH ) GENENTECH INC.
12.4%; Score 224; DB 8;
arv Match ... 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 224; DB 8;
Pred. No. 5.8e-10;
   23.9%; Pred. No. 5.8e-10;
                                                                                                                                     Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADH20602 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2004005553-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        LT 1014
ADH60002 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003215904-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADI18772 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003152999-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADH07457 standard, protein; 1059 AA.
Human secreted/transmembrane protein, #54
US2004006211-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADH07030 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54
                                     ADF73343 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54
US2003166051-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        US2004000---
08-JAN-2004.
(GETH) GENENTECH INC.
12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12.4%;
23.9%;
                                                                                             PD 04-SEP-2003.

PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1010
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity 23.9%;
RESULT 1015
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (GODD/) GODDARD A.
(GODO/) GODOWSKI P J.
(GIRN/) GURNEY A L.
(MATH/) MATHER J P.
(WILL/) WILLIAMS P M.
(WODD/) WOOD W I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          (GODD/) GODDARD A. (GODO/) GODOWSKI P J. (GURN) GURNEY A L. (MATH/) MATHER J P. (WILL/) WILLIAMS P M. (WOOD/) WOOD W I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DESNOYERS L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          DESNOYERS L.
 Best Local Similarity RESULT 1009
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Best Local Similarity
RESULT 1013
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RESULT 1016
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (DESN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            (DESN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         CS-SEP-2003.
(GETH ) GENENTECH INC.
12.4*; Score 224; DB 8; Length 1059;
                                                                                                                                                                                                                                                                                                                                            Query Match 12.4%; Score 224; DB 8; Length 1059; Best Local Similarity 23.9%; Pred. No. 5.8e-10; RESULT 1003
                                   Score 224; DB 8; Length 1059;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 1059;
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                                                                                                                                                                                               Length 1059;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 1059;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12.4%; Score 224; DB 8; 23.9%; Pred. No. 5.8e-10;
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Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                             Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                           ADB73468 standard; protein; 1059 AA. Human secreted/transmembrane protein, #54.05.03129592-A1.
                                                                               Human secreted/transmembrane protein, #54. US2003130489-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADE99557 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003211576-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADE98676 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003211569-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADE99103 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003211568-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                          Human secreted/transmembrane protein, #54. US2003148370-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADF73967 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003180312-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADG46573 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54
US2003225253-A1.
                                                                                                                                                                                                                                                                                                                                                                                                    ADE74003 standard; protein; 1059 AA
                                       12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12.4%;
23.9%;
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                                                                                                                                                                                         Query Match 12.4%;
Best Local Similarity 23.9%;
RESULT 1002
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                                                                                                                                                   10-JUL-2003.
(GETH ) GENENTECH INC.
17-JUL-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 13-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   13-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            13-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                            07-AUG-2003.
(GETH ) GENENTECH INC
                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
RESULT 1005
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity RESULT 1006
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 1004
                                                                           RESULT 1001
ID ADE79792 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                         Query Match
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ID ADF73967
DE Human se
PN US200316
PD 25-SEP-2
PA (GETH )
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RESULT
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Length 1059;

Length 1059;

Length 1059;

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Best Local Similarity 23.9%; Pred. No. 5.8e-10; RESULT 1025
                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                                                                                                                                                           Length 1059;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 224; DB 8; Length 1059; Pred. No. 5.8e-10;
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(GETH ) GENENTECH INC.
12.4%; Score 224; DB 8; Length 1059;
                                      Length 1059;
                                                                                                                                                                          Length 1059;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Length 1059;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 1059;
                                 12.4%; Score 224; DB 8; 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                        Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                           Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                   ADI65492 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003148419-A1.
                                                                                                                                                                                                                        ADI37751 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003096340-A1.
                                                                                                                                                                                                                                                                                                                                         RESULT 1019
ID ADH97551 standard; protein; 1059 AA.
DE Human secreted/transmembrane protein, #54.
PN US2003190610-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADI65919 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003148371-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADL08912 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003186358-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity 23.9%; Pred. No. 5.8 RESULT 1024
ID ADMS2523 astandard; protein; 1059 AA.
By US2003096233-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADH60662 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2004023331-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADJ99719 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
US2003187238-A1.
                                                                                                                                                                                                                                                                                                         12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                12.4%;
23.9%;
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02-OCT-2003.
(GETH ) GENENTECH INC.
12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12.4%;
23.9%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   12.4%;
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (DESN/) DESNOYERS L.
(GODD/) GODDARD A.
(GURN/) GURNEY A L.
(MATH) MATHER J P.
(WILL/) WILLIAMS P M.
(WODD/) WOOD W I.
 14-AUG-2003.
(GETH ) GENENTECH INC.
FY Match 1
                                                                                                                                      07-AUG-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   02-OCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                            09-OCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                           (GETH ) GENENTECH INC.
                                              Best Local Similarity RESULT 1017
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity RESULT 1022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
                                                                                                                                                                                    Best Local Similarity RESULT 1018
                                                                                                                                                                                                                                                                                                                           Best Local Similarity
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                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
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                                                                                                                                                                        Query Match
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 1020
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 1023
                                     Query
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     RESULT
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ADRILI77 standard; protein; 1059 AA.

Human secreted/transmembrane protein, #54.
US2004137561-A1.
15-JUL-2004.
15-JUL GENENTECH INC.
17- Match
12.4%; Score 224; DB 8; Length 1059; st Local Similarity 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 224; DB 8; Length 1059;
Pred. No. 5.8e-10;
                                                                                    Length 1059;
                                                                                                                                                                                                                        Length 1059;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 224; DB 8; Length 1059;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                        Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                  Score 224; DB 8;
Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                 ADR18086 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54.
            DE Human secreted/transmembrane protein, #54
PN 022003190611-A1.
PA (GETH ) GENENTECH INC.
QUETY MATCh
BBECL LOCAL Similarity 23.9%; Pred. No. 5.8
RESULT 1026
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADT03762 standard; protein; 1059 AA.
Human secreted/transmembrane protein, #54
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADS74725 standard; protein; 1059 AA.
Human secreted/transmembrane protein #54
US2004185531-A1.
                                                                                                                               AD006325 standard, protein; 1059 AA.
Human PRO polypeptide #50.
US6686451-B1.
ADM30003 standard; protein; 1059 AA.
                                                                                                                                                                           PD 03-FEB-2004.
PA (GETH) GENENTECH INC.
QUETY MATCH
BEST Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PD 14-AUG-2003.
PA (GETH) GENENTECH INC.
Y.Query Match 12.4%;
Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 STEWART T A.
TUMAS D.
WILLIAMS P M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           GERBER H.
GERRITSEN M E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               CODOWSKI P J
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  BOTSTEIN D.
DESNOYERS L.
EATON D L.
                                                                                                                                                                                                                                                                                                                                                                         Best Local Similarity RESULT 1028
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ASHKENAZI A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     (ASHK/) ASHKENAZI A. (BOTS/) BOTSTEIN D.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        FERRARA N.
FILVAROFF E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                MATHER J P.
PAN J.
PAONI N F.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GURNEY A L
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        EATON D L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               GRIMALDI (
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CLJAVIN I
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             GODDARD A
                                                                                                                                                                                                                                                                                                                                                                                                                                                   JS2004147017-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FONG S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 3-SEP-2004
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(EATO/)
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12.4%;
23.9%;
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PA (GETH ) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;

RESULT 1041
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PD 02-JAN-2003.
PA (GETH) GENENTECH INC.
Query Match
Best Local Similarity 23.9%;
                                                                                                                Human PRO polypeptide #52.
US2002146709-A1.
10-OCT-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                02-JAN-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     19-SEP-2002.
(GETH ) GENENTECH INC.
              07-JUN-2001.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                     13-FEB-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity RESULT 1042
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Local Similarity RESULT 1046
                                                                                                                                                                                               Best Local Similarity
RESULT 1039
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity
RESULT 1045
                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 1040
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US2002132240-A1.
WO200140466-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
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                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                                                                                                             Query Match
                                                                                                                                                                                                                                                                                                                                           12.4%; Score 224; DB 8; Length 1059; 23.9%; Pred. No. 5.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   vuery Match
12.4%; Score 224; DB 2; Length 1119;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1032
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 224; DB 3; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      12.4%; Score 224; DB 4; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Length 1119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 3; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12.4%; Score 224; DB 4; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            12.4%; Score 224; DB 4; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      AAU00827 standard; protein; 1119 AA.
Human immune response protein PRO326 (UNQ287)
WO200119991-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAY70674 standard; protein, 1119 AA.
Human PR0326 protein.
WO200015797-A2.
23-MAR-2000.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADC78606 standard; protein; 1119 AA.
Human PRO326 protein.
WO200015796-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           AAB80263 standard; protein; 1119 AA. Human PR0326 protein. W0200104311-A1. 18-JAN-2001. (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAB48162 standard; protein; 1119 AA.
Human PR0326 polypeptide.
WO200075316-Al.
14-DEC-2000.
                                                                                                                                                                                                                                                                                                                                                                               Jr 1031
AAY08114 standard; protein; 1119 AA.
Human PRO326 protein.
WO9914241-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               AAU12347 standard; protein; 1119 AA.
Human PRO326 polypeptide sequence.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Best Local Similarity 23.9%;
RESULT 1033
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Best Local Similarity 23.9%;
RESULT 1034
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        23.9%;
                                                            GERBER H.
GERRITSEN M E.
GODDARD A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         23-MAR-2000.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                   (POON/) PANN N F.
(ROYM/) ROY M A.
(STEW/) STEWART T A.
(TUMAS/) TUMAS D.
(WILL/) WILLIAMS P M.
(WOOD/) WOOD W I.
                                                                                                                GODOWSKI P J.
GRIMALDI C J.
GURNEY A L.
HILLAN K J.
KLJAVIN I J.
MATHER J P.
                                                                                                                                                                                                                                                                                                                                                                                                                                              25-MAR-1999.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GENENTECH INC
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                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
RESULT 1031
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity RESULT 1035
                FILVAROFF E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity RESULT 1036
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Query Match
Best Local Similarity
RESULT 1037
                                FONG S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            22-MAR-200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
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PD 26-DEC-2002.

PA (GETH ) GENENTECH INC.

Query Match 12.4%; Score 224; DB 6; Length 1119;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1044
                                                                                                                                                                             lu-Colleave..
(GETH ) GENENTECH INC.
sry Match 12.4%; Score 224; DB 6; Length 1119;
ir Loral Similarity 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Length 1119;
               Length 1119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 224; DB 6; Length 1119; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Length 1119;
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                                                                                                                                                                                                                                                                                                                                                                                                                     Length 1119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 1119,
                                                                                                                                                                                                                                                                   авот//91 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003032156-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABO01825 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2002197671-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               US2.V.-2.

(GETH ) GENENTECH INC.

(GETH ) GENENTECH INC.

12.4%; Score 224; DB 6;

LETY MATCh

12.4%; Score 224; DB 6;

12.4%; Score 224; DB 6;

12.4%; Score 224; DB 6;
Query Match 12.4%; Score 224; DB 4;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1038
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABO47413 standard; protein; 1119 AA.
Human secreted/transmembrane polypeptide PRO326
US2003044839-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                  Score 224; DB 6;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12.4%; Score 224; DB 6; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 224; DB 6;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          12.4%; Score 224; DB 6; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABU71942 standard; protein; 1119 AA.
Human secreted/transmembrane protein PRO326.
US2003003530-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABU54398 standard; protein; 1119 AA.
Human secreted/transmembrane protein PRO326.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABU71496 standard; protein; 1119 AA.
Human PRO polypeptide #52.
US2002192659-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABU66745 standard; protein; 1119 AA. Human PRO polypeptide #176.
US2003036180-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABUB1045 standard, protein, 1119 AA.
Human PRO polypeptide #176.
US2003004311-Al.
                                                                                        ABU71641 standard; protein; 1119 AA.
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Length 1119;

us-09-978-544a-523.rag.spdi

RESULT 1047

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Score 224; DB 6; Length 1119; Pred. No. 6.2e-10;
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PA (GETH) GENENTECH INC.
P.Query Match 12.4%; Score 224; DB 6; Length 1119;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1064
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   איטים standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003068796-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADA86380 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003082711-A1.
                                                                                                                                                                                                                                                                                                        Score 224; DB 6;
Pred. No. 6.2e-10;
                    Score 224; DB 6;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 224; DB 6;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 224; DB 6;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Score 224; DB 6;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 224; DB 6;
Pred. No. 6.2e-10;
                                                                                                                                                                                                             ADB29499 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003092002-A1.
15-MAY-2003.
(GETH) GENENTECH INC.
12.4%; Score 224; D
st Local Similarity 23.9%; Pred. No. 6.2
                                                                                                                                                                                                                                                                                                                                               Human PRO polypeptide #176.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      мим4/730 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003073215-A1.
17-APR-2003.
(GETH ) GENENTECH INC.
                                                                 ADA76302 standard; protein; 1119 AA. Human PRO polypeptide #176.
US2003073212-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human PRO polypeptide #176.
08-MAN CASSO-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADA61575 standard; protein; 1119 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADB27901 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082704-A1.
                                                                                                                                                                                                                                                                                                                                                                                              US20030...
20-MAR-2003.
(GETH ) GENENTECH INC.
March 12.4%; S/
                                                                                                                   17-APR-2003.
(GETH ) GENENTECH INC.
12.4%;
 PA (GETH ) GENENIBLE 112.4%;
Query March
Best Local Similarity 23.9%;
RESULT 1056
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12.4%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PD 10-APR-2003.

PA (GETH) GENENTECH INC.

QUEYY MATCh 12.4%;

Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity 23.9%;
                                                                                                                                                                               23.9%;
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PA (GETH) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1063
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          13-MAR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                       Best Local Similarity
RESULT 1057
                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity
RESULT 1059
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity RESULT 1060
                                                                                                                                                                                                                                                                                                                       Best Local Similarity RESULT 1058
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Homo sapiens.
US2003049816-A1.
                                                                                                                                                              Ouery Match
                                                                                                                                                                                                                                                                                                        Query Match
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                               12.4%; Score 224; DB 6; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                               Length 1119;
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Novel human secreted and transmembrane protein PRO326.
30-JAN-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABU67021 standard; protein; 1119 AA.
Human secreted/transmembrane, PRO, protein SEQ ID 352
US2003032155-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABUG9673 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003017463-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABO14916 standard; protein; 1119 AA.
Human secreted / transmembrane polypeptide PRO326.
US2003036060-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ABO14855 standard; protein; 1119 AA.
Human secreted / transmembrane polypeptide PRO326.
US2003027143-A1.
                                                                                ABUS9826 standard; protein; 1119 AA.
Novel secreted and transmembrane protein PRO326.
US2003017563-A1.
23.7AN-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                             ABO25016 standard; protein; 1119 AA.
Human secreted/transmembrane protein (PRO) #176.
US2003036179-A1.
                                                                                                                                                                                                                                                                                                                       Score 224; DB 6;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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                                                                                                                                                                             Score 224; DB 6;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                       ABU64550 standard, protein; 1119 AA.
Human secreted/transmembrane protein, #54
US2002160374-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABU67396 standard; protein; 1119 AA. Human secreted protein PRO326. US2003023054-A1.
                                                                                                                                                                           12.4%;
                                                                                                                                                                                                                                                                                                                       12.4%;
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23.9%;
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(GETH ) GENENTECH INC.
             Query Match 1
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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RESULT 1052
                                                                                                                                                                                                                                                                                                                                  Best Local Similarity RESULT 1049
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Best Local Similarity
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RESULT 1054
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RESULT 1048
                                                Best Local Similarity
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RESULT 1055
06-MAR-2003
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Length 1119;

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) 08-MAY-2003.
A (GETH ) GENENTECH INC.
Query Match 12.4%; Score 224; DB 6; Length 1119;
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   Score 224; DB 6; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                    Score 224; DB 6; Length 1119;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein PRO326.
US2003087345-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADA85828 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003082693-A1.
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                              Human secreted/transmembrane protein PRO332. US2003045693-A1. O6-WAR-2003. (CETH ) GENENTECH INC. 12.4%; Score 224; DB st Local Similarity 23.9%; Pred. No. 6.2e-
                                                                                                                                                                                  ABO32807 standard; protein; 1119 AA.
Human secreted/transmembrane protein PRO326.
US2003045693-A1.
                                            ADA18355 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003039971-A1.
27-FEB-2003.
WASHA GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human PRO polypeptide #176. US2003082763-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADB30532 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003068794-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                               ADA67525 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003068795-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADA97040 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082705-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 23.9%;
RESULT 1071
     12.4%;
23.9%;
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23.9%;
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Local Similarity 23.9%;
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Local Similarity 23.9%;
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Best Local Similarity 23.9%;
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                 06-MAR-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                                                  Ouery Match
Best Local Similarity
RESULT 1066
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Best Local Similarity
Query Match
Best Local Similarity
RESULT 1065
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                                                                                                                                                                                                                                                                                    Best Loca
RESULT 1067
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RESULT 1072
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RESULT 1073
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Score 224; DB 6; Length 1119; Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein PRO326
US2003073211-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       мызууг2 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2002082691-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Novel human secreted and transmembrane protein PRO326 US2003082694-A1.
 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                           Score 224; DB 6;
Pred. No. 6.2e-10;
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PA (GETH) GENENTECH INC.

Query Match 12.4%; Score 224; DB 6;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1079
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PA (GETH ) GENENTECH INC.

Query Match
12.4%; Score 224; DB 6;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1081
ID ADB19912 standard; protein; 1119 AA.
                                                                                                                              Score 224; DB 6;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                               ADA16330 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003049621-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human PRO polypeptide #176. US2003082710-A1.
                                    ADB16685 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003087349-A1.
                                                                                                                                                                                 AB034867 standard; protein; 1119 AA.
Human PRO polypeptide #52.
US2003044793-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  protein; 1119 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADB14840 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003087351-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADA94016 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003077722-A1.
                                                                                                                                                                                                                    US200304-2003.
06-MAR-2003.
(GETH ) GENENTECH INC.
12.4%;
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01-MAY-2003.
(GETH) GENENTECH INC.
12.4%;
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PA (GETH ) GENENTECH INC.
Query March
Best Local Similarity 23.9%;
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PA (GETH) GENENTECH INC.

QUETY MATCh

12.4%;

B861 Local Similarity 23.9%;

RESULT 1078
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                                                                                                                        Best Local Similarity 23.9%;
RESULT 1075
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Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            01-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             17-APR-2003.
(GETH ) GENENTECH INC.
                                                                                                            GENENTECH INC.
                                                                                                                                                                                                                                                                                         Best Local Similarity RESULT 1076
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity
RESULT 1080
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Best Local Similarity
Best Local Similarity RESULT 1074
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADA91777 standard;
                                                                                         08-MAY-2003
(GETH ) GEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  24-APR-2003
                                                                                                                                                                                                                                                                             Query Match
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ADB29980 standard, protein, 1119 AA.
Human PRO polypeptide #176.
US2003073214-Al.
                                                                                          Best Local Similarity
RESULT 1093
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity RESULT 1098
                                                                                 Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
                                                                                                                                                                                    Z4-AFK-ZVV..
(GETH ) GENENTECH INC.
12.4%; Score 224; DB 6; Length 1119;
'' focal Similarity 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 224; DB 6; Length 1119; Pred. No. 6.2e-10;
                                                                                             Length 1119;
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Pred. No. 6.2e-10;
           ABO43324 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003044945-A1.
(G6-MAR-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Novel human secreted and transmembrane protein PRO326. US2003082278-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADA85276 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003082695-A1.
                                                                                                                                                                                                                                                                                                                                                            Score 224; DB 6;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                            Score 224; DB 6;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                        ADA42475 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003054401-A1.
                                                                                                                                     ADA74478 standard; protein; 1119 AA. Human PRO polypeptide #176. US2003068798-A1.
                                                                                                                                                                                                                                                                                                                                                                                                        ADB24711 standard; protein; 1119 AA.
Human PRO polypeptide SEQ ID NO 352.
US2003077713-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADA75198 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003073216-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADA82235 standard; protein; 1119 AA,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABO17545 standard; protein; 1119 AA
                                                                                                                                                                                                                                                                                                                                                          12.4%;
23.9%;
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23.9%;
                                                                                          Query Match
Best Local Similarity 23.9%;
RESULT 1084
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RESULT 1091
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
Best Local Similarity 23.9%;
RESULT 1092
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US2003082701-A1.
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US2003064367-A1.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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RESULT 1089
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Best Local Similarity RESULT 1090
                                                                                                                                                                                                                                         Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Best Local Similarity RESULT 1087
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Best Local Similarity
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query Match
12.4%; Score 224; DB 6; Length 1119;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1101
                                                          Length 1119;
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Pred. No. 6.2e-10;
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                                                                                                                                                                                                        Score 224; DB 6;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                 DE Human PRO polypeptide #176.
PN US2003082761-A1.
PD 01-MAY-2003.
PA (GETH ) GENENTECH INC.
QUETY MATCH
BEST Local Similarity 23.9%; Pred. No. 6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Human PRO polypeptide #176. US2003092147-Al.
                                                                                                                                                                                                                                                            ADA75750 standard; protein; 1119 AA. Human PRO polypeptide #176.
US2003082703-A1.
                                                                                                                                                                                                                                                                                                                                                                                                              ADA46975 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003073210-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADB25271 standard; protein; 1119 AA.
Human PRO polypeptide SEQ ID NO 352.
US2003077715-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADA93447 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003077721-A1.
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Human PRO polypeptide #176.
US2003096386-A1.
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ID ADA61012 standard; protein; 1119 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADB24159 standard; protein; 1119 AA
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24-APR-2003,
(GETH ) GENENTECH INC,
watch 12.4%; St
US20030,52...
17.ARY-2003.
(GETH ) GENENTECH INC. 12.4%;
12.4%;
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PA (GETH ) GENENTECH INC.

QUETY MATCH 12.4%;

BEST LOCAL Similarity 23.9%;

RESULT 1096
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                   PD 01-MAY-2003.

PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1095
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Best Local Similarity 23.9%;
RESULT 1099
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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US2003039969-A1
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                                                                 Score 224; DB 6; Length 1119; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                  Score 224; DB 6; Length 1119; Pred. No. 6.2e-10;
                                                                                                                                                                                                  Length 1119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 6; Length 1119;
Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein PRO326.
US2003082709-A1.
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Novel human secreted and transmembrane protein PRO326.
US2003082765-A1.
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Pred. No. 6.2e-10;
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                                                                                                                                                                                                 Score 224; DB 6;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Human secreted/transmembrane protein, #56.
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RESULT 1108
ID ADB18249 standard; protein; 1119 AA.
DE Human PRO polypeptide #176.
PN US2003077710-A1.
                                                                                                                                                                                                                                                 ADA81060 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082702-Al.
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Human PRO polypeptide #176.
US2003068797-A1.
Human PRO polypeptide SEQ ID NO 352.
US2003077714-A1.
24-APR-2003.
(GETH ) GENENTECH INC.
                                                                                                                 ADA96488 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082690-A1.
                                                                                                                                                                                                                                                                                                                                                                                ADA95936 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082759-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADB26245 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082760-A1.
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RESULT 1105
                                                                 12.4%;
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RESULT 1106
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23.9%;
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RESULT 1104
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Best Local Similarity 23.9%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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A (GETH ) GENENTECH INC.
Query Match
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
Query Match
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RESULT 1109
                                                                             Best Local Similarity RESULT 1102
                                                                                                                                                                                                              Local Similarity
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                                                                   Query Match
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                                                                                                                                                                                                                  Best Local
RESULT 1103
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Score 224; DB 7; Length 1119; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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                                   Length 1119;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADA46423 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003054516-A1.
                                                                                                                                                                                                                                                                                                                                                                                                               ADA88035 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003082700-A1.
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U-MAY-2003.

(GETH ) GENENTECH INC.

(GETH ) GENENTECH INC.

12.4%; Score 224; DB 7;

(ETY Match 12.1%; Pred. No. 6.2e-10;
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(GETH ) GENENTECH INC.
sry Match 12.4%; Score 224; DB 7;
-- ۲^^=1 Similarity 23.9%; Pred. No. 6.2e-10;
                                   12.4%; Score 224; DB 7; 23.9%; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Best Local Similarity 23.9%; Pred. No. 6.2e-10;
                                                                                  ADA13183 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56. US2003049622-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADA17398 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56. US2003017498-AI.
                                                                                                                                                                                                                                                      ADA42051 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56. US2003082540-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADA42901 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003054351-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADB28453 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082699-A1.
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US2003082706-A1.
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Human PRO polypeptide #176.
US2003059909-A1.
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20-MRA-2003.
(GETH ) GENENTECH INC.
Watch 'lotify 23.9%;
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Best Local Similarity 23.9%;
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RESULT 1119
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1116
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
27-FEB-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                  01-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 1113
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RESULT 1118
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Best Local Similarity
RESULT 1117
                                                 Best Local Similarity RESULT 1111
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RESULT 1112
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                                       Query Match
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24-APR-2003.
(GETH ) GENENTECH INC.
                                                                                                                            Best Local Similarity RESULT 1130
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RESULT 1133
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Best Local Similarity
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                                                                                                                                                                                                                                                                                             Score 224; DB 7; Length 1119;
Pred. No. 6.2e-10;
                                   Length 1119;
                                                                                                                                                                Length 1119;
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(GETH ) GENENTECH INC.
12.4%; Score 224; DB 7; Length 1119;
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Pred. No. 6.2e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                        RESULT 1123

ID ADB22282 standard; protein; 1119 AA.

ID ADB22282 standard; protein; 1119 AA.

DE Novel human secreted and transmembrane protein PR0326.

PN US2003087344-A1.

PD 08-MAY-2003.
                                                                           ADA88587 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003073213-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADA92329 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003082712-A1.
                              12.4%; Score 224; DB 7; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                               Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10
                                                                                                                                                                                                                                                                                                                                   Human PRO polypeptide #176.
US2003022239-Al.
30-JAN-2003.
                                                                                                                                                                                                          ADA97592 standard; protein; 1119 AA. Human PRO polypeptide #176. US2003082686-A1. GOI-MAY-2003. (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LT 1124
ABO17666 standard; protein; 1119 AA.
Human PRO polypeptide #52.
US2003064923-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADA66973 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003068793-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Human PRO polypeptide SEQ ID NO 352.
US2003077712-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADB22834 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003077711-Al.
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24-APR-2003.
(GETH ) GENENTECH INC.
"atch 12.4%; SC
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23.9%;
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Best Local Similarity 23.9%;
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Local Similarity 23.9%;
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Query Match

12.4%;

Best Local Similarity 23.9%;
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Best Local Similarity 23.9%;
RESULT 1127
             (GETH ) GENENTECH INC.
                                                                                                                           17-APR-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                            Best Local Similarity
RESULT 1121
                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity
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                                            Best Local Similarity
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                                                                                                                                                                                                                                                                                                                           RESULT 1122
ID ADB27349 standard;
27-MAR-2003
                                                                                                                                                               Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Query Match
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                                                          RESULT 1120
ID ADA8858'DE Novel hu
PN US20030'PD 17-APR-2
PA (GETH )
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RESULT 1125
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PERE

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Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1129
D. ADBIAS32 standard; protein; 1119 AA.
DE Human PRO polypeptide #176.
PN US2003087352-A1.
PD 08-MXY-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 1119;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein PRO326.
US2003082766-A1.
                                                                                                                                                                                                                                                                                                                                                     ADB66564 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003082689-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADB39477 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003082764-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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RESULT 1135
ID ADB77820 standard; protein; 1119 AA.
B. Human secreted/transmembrane protein, #56.
PN US2003077654-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADB74956 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003082542-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADB89644 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082698-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADB90376 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082762-A1.
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01-MAY-2003.
(GETH ) GENENTECH INC.
12.4%; S.
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01-MAY-2003.
(GETH ) GENENTECH INC.
MATCh 12-4%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;
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PA (GETH ) GENENTECH INC.
QUEYY MATCh 12.4%;
Best Local Similarity 23.9%;
RESULT 1134
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4 (GETH) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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Query Match
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                                                                                                  12.4%; Score 224; DB 7; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                            Score 224; DB 7; Length 1119;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
            ADB47100 standard; protein; 1119 AA.

Novel human secreted and transmembrane protein PRO326.

1 USZ003082687-A1.

1 OL-MAY-2003082687-A1.

1 (GETH ) GENENTECH INC.

12.4%; Score 224; DB 7; Length
                                                                                                                                                                                                                                                                               Novel human secreted and transmembrane protein PRO326.
US203082696-Al.
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Novel human secreted and transmembrane protein PRO326.
US20030082692-A1.
(GETH ) GENENTECH INC.
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US2003077718-A1.
                                                                                                                                                    ADB86707 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003082697-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                     ADB34469 standard; protein; 1119 AA.
Human PRO polypeptide SEQ ID NO 352.
US2003077717-A1.
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Human PRO polypeptide SEQ ID NO 352.
US2003077716-A1.
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Human PRO polypeptide SEQ ID NO 352.
US2003077720-A1.
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RESULT 1140
ID ADB77312 standard; protein: 1
DE NOVAL Num.
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RESULT 1143
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Best Local Similarity 23.9%;
RESULT 1147
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                               Best Local Similarity RESULT 1139
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RESULT 1141
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RESULT 1138
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PD 20-MAR-2003.

PA (GETH) GENENTECH INC.

Query Match

12.4%; Score 224; DB 7; Length 1119;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;

ID ADC34016 etandam?
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%; Score 224; DB 7; Length 1119;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1151
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         PD 13-MAR-2003.

PA (GETH ) GENENTECH INC.

QUELY MATCh 12.4%; Score 224; DB 7; Length 1119;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1154
                                                                                                       Length 1119;
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                                                                                                                                                                                    PD 27-MAR-2003.

PA (GETH) GENENTECH INC.

Query March
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1148

ID ADC3902 standard; protein; 1119 AA.

DE Human secreted/transmembrane protein, #56.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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QUETY MATCH

QUETY MATCH

12.4%; SCORE 224; DI

Best Local Similarity 23.9%; Pred. No. 6.2.

RESULT 1150

ADCIPATOR Standard; protein; 1119 AA.

DE Human secreted/transmembrane protein, #56.

PN US2003036061-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DE ADC3440 standard; protein; 1119 AA.

DE Human secreted/transmembrane protein, #56.

PD 20-FEB-2003.

PA (GETH ) GENENTECH INC.

Query Match

Best Local Similarity 23.9%; Pred. No. 6.2

RESULT 1152
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                PD 13-MAR-2003.

PA (GETH ) GENENTECH INC.

QUENTY MATCH 112.4%; SCORE 224; D
BEST LOCAL Similarity 23.9%; Pred. No. 6.2

RESULT 1153

ID ADC29026 standard; protein; 1119 AA.

ID Human secreted/transmembrane protein, #56.

BY US2003049677-A1.
ADC28602 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003059772-A1.
                                                                                                                                                                                                                                                                                                                                           ADC40116 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56. US2003059829-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADC29495 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003049676-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADC40911 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003054400-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADC19568 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003054441-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           12.4%;
23.9%;
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                                                                                                                                                                                                                                                                                                Best Local Similarity
RESULT 1149
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity RESULT 1155
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Length 1119;
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Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein Seg ID352.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Novel human secreted and transmembrane protein Seg ID352. US200387166-Al.
                                                                                                                                                                                                                                         Novel human secreted and transmembrane protein PRO326. US2003092106-Al.
                                                                                                                                                                                                                                                                                                                                                                                           ADC71940 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003092107-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADC59919 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADC60471 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003087367-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADC50946 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003087361-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 7;
Pred. No. 6.2e-10;
                                                                  Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                  Jr 1157
MC13086 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003073079-A1.
Human secreted/transmembrane protein, #56.
US2003073077-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADC65473 standard; protein; 1119 AA.
Human PRO polypeptide #176.
                                                                                                                                                                                                       12.4%;
                                                                  12.4%;
23.9%;
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23.9%;
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23.9%;
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Best Local Similarity 23.9%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                                                                                                   17-APR-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                  GENENTECH INC
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                                                                                                                                                                                                                  Best Local Similarity RESULT 1158
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Best Local Similarity
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Best Local S
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RESULT 1163
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Length 1119;
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Pred. No. 6.2e-10;
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                                                                                    ADC54571 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein Seg ID352.
US2003087363-A1.
                                                                                                                                                                                                                              ADCESSIZ standard; protein; 1119 AA.
Novel human secreted and transmembrane protein Seg ID352.
US2003087364-A1.
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US2003087359-Al.
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Novel human secreted and transmembrane protein Seg ID352
US2003087360-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADCS6503 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein Seg ID352
US2003087346-Al.
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Novel human secreted and transmembrane protein PRO326.
US2003087348-A1.
                                12.4%; Score 224; DB 7; 23.9%; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Human PRO polypeptide #176.
US2003194770-A1.
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08-MAY-2003.
(GETH ) GENENTECH INC.
12.4%; S'
                                                                                                                                            Query Match 12.4%;
Best Local Similarity 23.9%;
RESULT 1167
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RESULT 1168
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PA (GETH ) GENENTECH INC.
QUery Match
Best Local Similarity 23.9%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1169
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Local Similarity 23.9%;
08-MAY-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                            Best Local Similarity
RESULT 1166
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RESULT 1171
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RESULT 1173
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Query Match
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Pred. No. 6.2e-10;
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                             Score 224; DB 7; Length 1119;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein PRO326.
US2003087358-A1.
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US2003087354-A1.
08-MAY-2003.
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Novel human secreted and transmembrane protein PRO326.
US2003092103-A1.
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Pred. No. 6.2e-10;
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Human secreted/transmembrane protein, #56.
US2003104469-A1.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                        ADD10006 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003194776-A1.
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Human PRO polypeptide #176.
US2003194774-A1.
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ID ADC47925 standard; protein; 1119 AA.

DE Human PRO polypeptide #176.

PN US2003194771-A1.
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Human PRO polypeptide #176.
UG2003194775-A1.
16-OCT-2003.
                                                                                 ADC48477 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003194773-A1.
                                                                                                                                                                                                                                                                                                                                                                   ADD04581 standard; protein; 1119 AA.
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23.9%;
                             Best Local Similarity 23.9%;
RESULT 1175
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RESULT 1181
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(GETH ) GENENTECH INC.
                                                                                                                                        16-OCT-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
16-OCT-2003.
(GETH ) GENENTECH INC.
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Best Local Similarity
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RESULT 1178
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1D ADC7998:
DE NOVEL https://doi.org/10.00200308
PD 08-MAY-2
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PD 30-0CT-2003.
PA (GETH ) GENENTECH INC.
QUETY MATCH 12.4%; SCORE 224; DB 7; Length 1119;
BEST Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1187
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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                                Length 1119;
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Novel human secreted and transmembrane protein PRO326
US2003203438-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADD53598 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003203437-A1.
(GETH ) GENENTECH INC.

2ry Match 12.4%; Score 224; DB 7;

2.7.2.3 Similarity 23.9%; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                ....... standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003108983-A1.
                                                                                        ADD04099 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56. US2003104381-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADD52306 standard; protein; 1119 AA. Human PRO polypeptide #176. US2003194769-Al. 16-OCT-2003. (GETH ) GENENTECH INC. 12.4#; Score 224 Dery Match aget Local Similarity 23.9#; Pred. No.
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Human PRO polypeptide #176.
US2003194792-A1.
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Human PRO polypeptide #176.
US2003203431-Al.
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Human PRO polypeptide #176.
US2003194779-A1.
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16-OCT-2003.
(GETH ) GENENTECH INC.
Watch 12.4%; Sc
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RESULT 1190
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PA (GETH ) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                             PD 12-JUN-2003.

PA (GETH ) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;

RESULT 1186
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Best Local Similarity 23.9%;
RESULT 1189
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

BASEL Local Similarity 23.9%;

RESULT 1185
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                   Query Match
Best Local Similarity
RESULT 1184
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RESULT 1191
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Best Local Similarity 23.9%; Pred. No. 6.2e-10; RESULT 1202
                                                    Length 1119;
                                                                                                                                                                                                                                                                                  12.4%; Score 224; DB 7; Length 1119; 23.9%; Pred. No. 6.2e-10;
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(GETH ) GENENTECH INC.
12.4%; Score 224; DB 7; Length 1119;
                                                                                                                                                                    Length 1119;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                        Novel human secreted and transmembrane protein PRO326. 30-OCT-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   אסאס standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003194165-A1.
                                                   Score 224; DB 7;
Pred. No. 6.2e-10;
                                                                                                                                                                   Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                          ADD92486 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003199030-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                  Human PRO polypeptide #176.
1052003199057-Al.
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Human PRO polypeptide #176.
US2003199055-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADE41985 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003194772-A1.
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US2003199023-A1.
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Human PRO polypeptide #176.
US2003199056-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADD79449 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003203428-A1.
                                                   12.4%;
23.9%;
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23.9%;
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23.9%;
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23.9%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1200
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Local Similarity 23.9%;
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Best Local Similarity 23.9%;
RESULT 1199
Best Local Similarity RESULT 1193 ID AD58169 standar DE Novel humar PN US20037
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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RESULT 1196
ID ADE03996 standard; p
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RESULT
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Length 1119;
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                                                                                                                                                                                                  PD 16-OCT-2003.

PD 46 (GETH ) GENENTECH INC.

Query Match 12.4%; Score 224; DB 7; Length Best Local Similarity 23.9%; Pred. No. 6.2e-10; RESULT 1204

ID ADES3949 standard; protein; 1119 AA.

DE Novel human secreted and transmembrane protein PR0326.

PN US2003194791-A1.
                                                                                                                                              ADE33397 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003194767-A1.
                                                                                                                                                                                                                                                                                                                                                                                     Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1209
                                                                                             Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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ID ADS14927 standard; protein; 1119 AA.
EB Human secreted/transmembrane protein, #56.
PN US2003077583-A1.
DE ADD91934 standard; protein; 1119 AA.
DE Human PRO polypeptide #176.
PN US200199053-A1.
PD 23-OCT-2003.
PA (GETH ) GENENTECH INC.
Query Match
Best Local Similarity 23.9%; Pred. No.
RESULT 1203
                                                                                                                                                                                                                                                                                                                                                                                                                            Human PRO polypeptide #176.
US200320717-A1.
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US2003194768-A1.
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US2003199033-Al.
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Human PRO polypeptide #176.
US2003199025-A1.
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US2001999026-Al.
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06-NOV-2003.
(GETH ) GENENTECH INC.
12.4%; S
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1205
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( (GETH ) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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ADI38189 standard; protein; 1119 AA
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Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1214
                                                                                                               12.4%; Score 224; DB 7; Length 1119; 23.9%; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein PRO326
US2003194766-A1.
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                                                                                                                                                                                                                                                                       Score 224; DB 7;
Pred. No. 6.2e-10;
            ADD95891 standard; protein; 1119 AA.
Human PRO polypeptide #176.
1022003199059-A1.
23-OCT-2003.
A (GETH ) GENENTECH INC.
12-4; Score 2
                                                                                                                                                                      ADE22777 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003199064-A1.
                                                                                                                                                                                                                                                                                                                             ADD78895 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003203429-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADE42537 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003199032-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADD80553 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207418-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADD89581 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003199028-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADE40865 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003199031-A1.
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ID ADE04664 standard; protein; 1119 AA.
DE Human PRO polypeptide #176.
PN US2003199034-A1.
                                                                                                                                                                                                                                                                       12.4%;
23.9%;
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RESULT 1216
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Best Local Similarity 23.9%;
RESULT 1220
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Best Local Similarity 23.9%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                                                                                                               Best Local Similarity
RESULT 1212
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RESULT 1211
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PA (GETH ) GENENTECH INC.

Query Match

Query Match

Query Match

12.4*; Score 224; DB 7; Length 1119;

Best Local Similarity 23.9*; Pred. No. 6.2e-10;

RESULT 1224

ID ADG80542 standard; protein; 1119 AA.

DE Human PRO polypeptide #176.

PN US2003207333-A1.

PA (GETH ) GENENTECH INC.

QUERY Match

QUERY Match

RESULT 124*; Score 224; DB 7; Length 1119;

RESULT 124*; Score 224; DB 7; Length 1119;

RESULT 124*; Score 224; DB 7; Length 1119;
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                                                                                                                     Length 1119;
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                                                                                                                                                                                       ADG21502 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207355-A1.
                                                                                                                                                                                                                                                                                                                                                                                     ADG23143 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207384-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADH55282 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207381-A1.
(GETH ) GENENTECH INC.
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Novel human secreted and transmembrane protein PRO326.
US2003207379-A1.
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PA (GETH) GENENTECH INC.

Query Match 12.4%; Score 224; DB 7;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1227
                                                                                                                     Score 224; DB 7;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                               PD 06-NOV-2003.

PA (GETH ) GENENTECH INC.

Query Match 12.4%; Score 224; DB 7;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1222
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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PA (GETH ) GENENTECH INC.

Query Match

12.4%; Score 224; D

Best Local Similarity 23.9%; Pred. No. 6.2

RESULT 1226

ID ADHS9410 standard; protein; 1119 AA.

US200303972-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADF97478 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207370-A1.
ADE92793 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003194777-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ADG79990 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207372-A1.
                                                                      PD 16-OCT-2003.

PA (GETH ) GENENTECH INC.

Query March 12.4%;

Best Local Similarity 23.9%;

RESULT 1221
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Best Local Similarity 23.9%;
RESULT 1223
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Best Local Similarity 23.9%;
RESULT 1228
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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ADE75753 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003211571-A1.
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(GETH ) GENENTECH INC.
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RESULT 1245
                                                                                                                               Best Local Similarity
RESULT 1239
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
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(GETH ) GEN
                                                                                                              Query Match
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                                                                                                                                  Length 1119;
                                                                                                                                                                                                                                                                                                                                                                  uuery Match 12.4%; Score 224; DB 7; Length 1119;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1231
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Score 224; DB 7; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12.4%; Score 224; DB 7; Length 1119; 23.9%; Pred. No. 6.2e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 1119;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Length 1119
                                                                                                                                                                                                                        ADIG4053 standard, protein, 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207385-A1.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Novel human secreted and transmembrane protein PRO326.
US2003207386-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADI65501 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207387-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADH81915 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207388-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ADH81363 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207377-A1.
GG-NOV-2003.
(GETH ) GENENTECH INC.
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Novel human secreted and transmembrane protein PRO326.
US2003087355-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ANIS931 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US200309733-A1.
08-MAY-203.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADNI6560 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
                                                                                                                                  12.4%; Score 224; DB 7; 23.9%; Pred. No. 6.2e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 7;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 224; DB 7;
Pred. No. 6.2e-10;
Human secreted/transmembrane protein, #56.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADJ26457 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003054349-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 23.9%;
RESULT 1233
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       12.4%;
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Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          06-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   06-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                   (GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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RESULT 1237
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
Best Local Similarity
                                                                                                                                                          Best Local Similarity
RESULT 1230
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Best Local Similarity
RESULT 1236
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                                                                    20-MAR-200
                                                                                                                                      Query Match
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RESULT 1232
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(GETH ) GENENTECH INC.
(GETH ) GENENTECH INC.
(ery Match 12.4%; Score 224; DB 8; Length 1119;
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                                         Length 1119
                                                                                                                                                                                                                     Length 1119;
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                                                                                                   ADNI5379 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003087356-A1.
                                                                                                                                                                                                                                                                      ADNI4827 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003087357-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                             nucalusy standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US200092115-Al.
08-MAY-ZUUS.
(GETH ) GENENTECH INC.
iry Match 12.4%; Score 224; DB 7;
..... Tanal Similarity 23.9%; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                Query Match 12.4%; Score 224; DB 7; Best Local Similarity 23.9%; Pred. No. 6.2e-10; RESULT 1241
                                                                                                                                                                      PA (GETH) GENENTECH INC.

Query Match
12.4%; Score 224; DB 7;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1240
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Score 224; DB 8;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.4%; Score 224; DB 8; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADE79372 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56. US2003135025-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADE79796 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003130489-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AUD86305 standard; protein; 1119 AA. Human PRO polypeptide #176. US2003203440-Al. 30-OCT-2003. (GFTH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADD76537 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003100087-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADD87901 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003092113-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PD 15-MAY-2003.
PA (GETH ) GENENTECH INC.
QUETY MATCh 12.4%;
BBSE Local Similarity 23.9%;
RESULT 1242
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PA (GETH ) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;

RESULT 1244
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PA (GETH ) GENENTECH INC.

QUETY MATCh

12.4%;

Best Local Similarity 23.9%;

RESULT 1243
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ADE93345 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003199060-A1.
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                                                                                                                                                                                                                     ADE94683 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003199027-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Best Local Similarity 23.9%;
RESULT 1263
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(GETH ) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ) 23-OCT-2003.

(GETH) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity RESULT 1261
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 224; DB 8; Length 1119; Pred. No. 6.2e-10;
                                      Score 224; DB 8; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                   12.4%; Score 224; DB 8; Length 1119; 23.9%; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                                                                      Length 1119;
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Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                                                    Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                    ADE73472 standard, protein, 1119 AA.
Human secreted/transmembrane protein, #56.
US2003129592-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADE74007 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003148370-A1.
                                                                                                                                                                                 Query Match
Best Local Similarity 23.9%; Pred. No. RESULT 1249
ID SECOND 1298; Pred. No. DE Human PRO polypeptide #176. PN US203092108-A1. PD 15-MAY-2003. PA (GETH ) GENENTECH INC. Query Match
                                                                                                                                                                                                                                                                                                                                                                                       ADE23881 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003092110-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADE24524 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003092111-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADD87349 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003203439-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADE89215 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003199062-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADE18354 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003194794-A1.
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Human PRO polypeptide #176.
US2003199054-A1.
23-OCT-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.4%;
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RESULT 1252
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RESULT 1253
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23.9%;
                                    12.4%;
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RESULT 1255
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(GETH ) GENENTECH INC.
13-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                  10-JUL-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            30-OCT-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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                                    Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                Best Local Similarity
RESULT 1250
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Local Similarity
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Best Local Similarity
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PD 23-OCT-2003.

PA (GETH) GENENTECH INC.

QUETY MATCH

GEREN J 23.9%; SCOTE 224; DB 8; Length 1119;

RESULT 1259

ID 40E9 Standard; Protein; 1119 AA.

BE Human PRO polypeptide #176.

PN US2003199061-A1.

PD 23-OCT-2003.

PA (GETH) GENENTECH INC.

QUETY MATCH

BEST LOCAL Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1260.
                                                                                                                                                                                             PD 13-NOV-2003.

PA (GETH ) GENENTECH INC.

Query Match 12.4*; Score 224; DB 8; Length 1119;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1258
PA (GETH ) GENENTECH INC.
Query Match
12.4%; Score 224; DB 8; Length 1119;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1257
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 224; DB 8; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Length 1119;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 224; DB 8; Length 1119;
Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein PRO326.
US2003199051-A1.
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Human secreted/transmembrane protein, #56.
US2003211569-A1.
                                                                                                                     ADE99561 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003211576-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    PD 23-0CT-2003.

PA (GETH) GENENTECH INC.

Query Match
Best Local Similarity 23.9%; Pred. No.

RESULT 1262

Best Human PRO polypeptide #176.

PD 4DF34926 standard; protein; 1119 AA.

PD 23-0CT-2003.

PA (GETH) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADE95235 standard; protein; 1119 AA. Human PRO polypeptide #176.
US2003199052-A1.
23-OCT-2003.
(GETH ) GENENTECH INC.
Duery Match
Best Local Similarity 23.9%; Pred. No.
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ADG08358 standard; protein; 1119 AA
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 1280
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Best Local Similarity 23.9%; Pred. No. 6.2e-10;
   Length 1119;
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                                                                                                                                    Length 1119;
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                                            ADES1689 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003199058-A1.
GETH ) GENENTECH INC.
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Novel human secreted and transmembrane protein PRO326.
US2003207360-A1.
 Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 8;
Pred. No. 6.2e-10;
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                                                                                                                                  12.4%; Score 224; DB 8; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                       ADG40577 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003225253-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADF73971 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003180312-A1.
25-SEP-2003.
                                                                                                                                             RESULT 1267

ID ADE99107 standard; protein; 1119 AA.

DE Human secreted/transmembrane protein, #56.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADG02268 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207352-A1.
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RESULT 1272
ID ADG20124 standard; protein; 1119 AA.
DE Human PRO polypeptide #176.
PN US2003207376-A1.
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Human PRO polypeptide #176.
US2003207422-A1.
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RESULT 1274
 12.4%; 23.9%;
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(DESN/) DESNOYERS L.
(GODD/) GODDARD A.
(GODO/) GODOWSKI P J.
(GTRN/) GURNEY A L.
(MILLIA) MATLEIR J P.
(WILLIAMS P M.
(WOOD/) WOOD W I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    06-NOV-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
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Query Match
Best Local Similarity
RESULT 1266
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RESULT 1268
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Best Local Similarity RESULT 1270
                                                                                                                                                                                                                       US2003211568-A1.
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PD 06-NOV-2003.

PA (GETH ) GENENTECH INC.

QUELY MATCh 12.4%; Score 224; DB 8; Length 1119;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;
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PA (GETH ) GENENTECH INC.

QUETY Match

12.4%; Score 224; DB 8; Length 1119;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 224; DB 8; Length 1119; Pred. No. 6.2e-10;
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ADG24247 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207426-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                      Score 224; DB 8;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Human secreted/transmembrane protein, #56.
US2003166051-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PD 06-NOV-2003.

PA (GETH ) GENENTECH INC.

Query Match
Best Local Similarity 23.9%; Pred. No. RESULT 1278

ID AAG16738 standard, protein; 1119 AA.
PN US2003207359-AI.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ADG05197 standard; protein; 1119 AA. Human PRO polypeptide #176. US2003207375-Al. 06-NOV-2003. GETH J GENENTECH INC. 12.4%; Score 224 Dery Match Similarity 23.9%; Pred. No.
                                                                                                                                          Human PRO polypeptide #176.
US2003208055-A1.
                                                                                                                                                                                                                                                                                                      Human PRO polypeptide #176.
US2003207351-Al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADF99153 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207353-A1.
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US2003207425-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADG13301 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207357-A1.
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PA (GETH ) GENENTECH INC.

QUETY MARCh

BEST LOCAL Similarity 23.9%;

RESULT 1277
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RESULT 1282
                                                        PD 06-NOV-2003.
PA (GETH ) GENENTECH INC.
QUEYY MATCh 12.4%;
Best Local Similarity 23.9%;
RESULT 1275
                                                                                                                                                                                                           PD 06-NOV-2003.

PA (GETH ) GENENTECH INC.

Query March

Best Local Similarity 23.9%;
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Length 1119

Length 1119

Best Local RESULT 1285

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Best Local RESULT 1286

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Length 1119;

us-09-978-544a-523.rag.spdi

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Score 224; DB 8; Length 1119; Pred. No. 6.2e-10;
                                                                                                                    ADG60993 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207390-A1.
                                                                                                                                                                                                                                                                 Novel human secreted and transmembrane protein PRO326, US2003207428-A1.
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Novel human secreted and transmembrane protein PRO326.
US2003207364-A1.
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PD A (GETH ) GENENTECH INC.

Query Match

12.4%; Score 224; DB 8; Length

Best Local Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1300

ID ADGSB541 standard; protein; 1119 AA.

DE Novel human secreted and transmembrane protein PR0326.

PN US2003207368-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADG70907 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207420-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADG57437 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003207362-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADGS5781 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003207365-A1.
                                                                                                                                                                              PD 06-NOV-2003.

PA (GETH ) GENENTECH INC.

Query Match
12.4%; Score 224; DB 8;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1294
ID ADG61997 standard; protein; 1119 AA.
                                                                                                                                                                                                                                                                                                                                                                                   Score 224; DB 8;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Human secreted/transmembrane protein, #56.
US2003027145-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG81198 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207338-A1.
06-NOV-2003.
(GETH ) GENENTECH INC.
QUETY MATCh
Best Local Similarity 23.9%; Pred. No.
                                                                                                                                                                                                                                                                                                                  US200340,...
06-NOV-2003.
(GETH ) GENENTECH INC.
"arch 12.4%; St
                    PD 16-OCT-2003.

PA (GETH ) GENENTECH INC.

QUEYY MATCh 12.4%;

BBSL Local Similarity 23.9%;

RESULT 1293
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A (GETH) GENENTECH INC.
Query Match
Best Local Similarity 23.9%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1299
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(GETH ) GENENTECH INC.
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Best Local Similarity
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    US2003194778-A1
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RESULT 1296
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                                                                                Score 224; DB 8; Length 1119;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Novel human secreted and transmembrane protein PRO326.
US2003207424-A1.
06-NOV-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    אס אסנפטטט, protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207389-AI.
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Novel human secreted and transmembrane protein FRO326.
US2003207350-A1.
06-NOV-2003.
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Novel human secreted and transmembrane protein PRO326.
US2003207356-A1.
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Novel human secreted and transmembrane protein PRO326.
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(GETH) GENENTECH INC.
Query Match 12.4%; Score 224; DB 8;
Query match 12.3%; Fred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                                                                                    ADG15528 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003219885-Al.
                                                                                                                                                                                                                                                                                                ADF96926 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207371-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                           ADG06111 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207374-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG03984 standard; protein; 1119 AA
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(GETH ) GENENTECH INC.
Query Match
Best Local Similarity 23.9%;
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23.9%;
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23.9%;
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PA (GETH ) GENENTECH INC.

QUERY MATCh 12.4%;

Best Local Similarity 23.9%;
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23.9%;
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Local Similarity 23.9%;
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US2003207423-A1.
                                                                                                                                                                                              27-NOV-2003.
(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                       (GETH ) GENENTECH INC
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(GETH ) GENENTECH INC
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity RESULT 1290
                                                                                           Best Local Similarity RESULT 1284
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity RESULT 1291
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Best Local Similarity RESULT 1292
                                                                                                                                                                                                                                                        Local Similarity
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RESULT 1288

BBSER

A D D E D

BBEE

Length 1119;

Length 1119;

Length 1119;

Length 1119;

Length 1119

Length 1119;

Length 1119;

BARGE

us-09-978-544a-523.rag.spdi

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Score 224; DB 8; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                                                                   ADG56333 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003207366-A1.
                                                                                                                                                                                                                                                                                                                         ADH12599 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003207378-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADG61445 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207429-A1.
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Novel human secreted and transmembrane protein PRO326.
US2003207369-A1.
                                                                                                                                                                                                                                PD 06-NOV-2003.

PA (GETH ) GENENTECH INC.

QUERY MATCh

12.4%; Score 224; DB 8;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADH07461 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56
                                                     protein; 1119 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      1119 AA.
                                                                                       USZUCZZZ
16-OCT-2003.
(GETH ) GENENTECH INC.
TACH 12.4%;
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   12.4%;
23.9%;
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Query Match 12.4*;
Best Local Similarity 23.9*;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Human PRO polypeptide #176. US200302331-Al.
                                                                                                                                                                                                                                                                                  Best Local Similarity 23.9%;
RESULT 1313
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               06-NOV-2003.

(GETH) GENENTECH INC.

Query Match 12.4%;

Best Local Similarity 23.9%;
                                                                   Human PRO polypeptide #176
US2003194793-A1.
                                                                                                                                                                                                                                                                                                                                                                           06-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  30-JAN-2003.
(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
   Query Match
Best Local Similarity
RESULT 1311
                                                                                                                                                Best Local Similarity RESULT 1312
                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
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                                                   ADG81094 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            US2004006211-A1.
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(GETH ) GEN
                                                                                                                                       Query Match
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                              12.4%; Score 224; DB 8; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12.4%; Score 224; DB 8; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                     Length 1119;
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                                                                                                                                                                                                                                                                                                                                                Novel human secreted and transmembrane protein PR0326. US2003207415-A1. 06-NOV-2003. CS-NOV-2003. SY MARCH J GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADG54125 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207416-A1.
                                                                                                                                                                                                                  ADG57989 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003207363-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ADG71459 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207421-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADH11975 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207419-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADG52397 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 224; DB 8;
Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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(GETH) GENENTECH INC.
ery Match
12.4%; Score 224; DB 8;
ery Match
12.4%; Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
                                                                          ADG92817 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56.052003027146-A1. GEFB-2003. (GFTH ) GENENTECH INC.
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US2003077723-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG81646 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003207805-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                         12.4%;
Local Similarity 23.9%;
1305
                                                                                                                                                                  12.4%;
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23.9%;
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23.9%;
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PA (GETH ) GENENTECH INC.

Query Match

Best Local Similarity 23.9%;

RESULT 1308
                                                                                                                                                                                                                                                                                                       / Match 12.4%;
Local Similarity 23.9%;
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(GETH ) GENENTECH INC.
            (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                   06-NOV-2003.
(GETH ) GENENTECH INC
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 US2003207414-A1.
06-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         06-NOV-2003.
(GETH ) GENENTECH INC
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Best Local Similarity
RESULT 1306
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                                          Best Local Similarity RESULT 1302
                                                                                                                                                                                   Local Similarity
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Best Local Similarity
RESULT 1307
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1310
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06-NOV-2003
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Best Local Si
RESULT 1303
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Length 1119;

Length 1119

Length 1119

Length 1119;

Length 1119;

Length 1119;

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06-NOV-2003.
(GETH ) GENENTECH INC.
12.4%; SC
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02-007-2003.
(GETH ) GENENTECH INC.
12.4%;
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23.9%;
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23.9%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.4%;

Best Local Similarity 23.9%;

RESULT 1329
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (GODD/) GODDARD A. (GODO/) GODOWSKI P J. (GURH/) GURNEY A L. (MATH/) MATHER J P. (WILL/) WILLIAMS P M. (WOOD/) WOOD W I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      02-OCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         DESNOYERS L.
                                                                Best Local Similarity RESULT 1328
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
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Best Local Similarity
RESULT 1335
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(GETH ) GEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                          Query Match
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                                                                                                  Score 224; DB 8; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 224; DB 8; Length 1119; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                    Length 1119;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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Pred. No. 6.2e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADII5355 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207382-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADG09884 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2004009548-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                    Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                 ADH60006 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003215904-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ADH97555 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
                                                                                                                                                                                                                                                                                   ADH07034 standard; protein; 1119 AA. H56. Human secreted/transmembrane protein, #56. US2004005665-A1. 08-JAN-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADI37755 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56. US2003096340-A1.
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Human secreted/transmembrane protein, #56.
US2003152999-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Best Local Similarity 23.9%; Pred. N
RESULT 1322
ID ADISH141 standard; protein; 1119 AA.
DE Human PRO polypeptide #176.
PN US2003207361-A1.
                                                                                                    12.4%;
23.9%;
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23.9%;
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RESULT 1325
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match 12.4%;
Best Local Similarity 23.9%;
                                                                                                                                                                                                                                                                                                                                                (DESN/) DESNOYERS I. (GODD/) GODDARD A. (GODO/) GODOWSKI P J. (GURN/) GURNEY A L. (MATH/) MATHER J P. (MILL/) WILLIAMS P N. (WODD/) WOOD W I.
                                (GURN/) GURNEY A L. (MATH/) MATHER J P. (WILL/) WILLIAMS P M. (WOOD/) WOOD W I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       14-AUG-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                 (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   06-NOV-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        22-MAY-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        15-JAN-2004.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         US2003190610-A1.
09-OCT-2003.
(GETH ) GENENTECH INC.
                   GODOWSKI P J
                                                                                                                                                                                                                                                    Local Similarity
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RESULT 1326
                                                                                                                  Local Similarity
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                                                                                                 Query Match
Best Local Si
RESULT 1320
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RESULT 1324
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RESULT
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) 22-MAY-2003.
(GETH ) GENENTECH INC.
Query Match 12.4%; Score 224; DB 8; Length 1119;
  Length 1119;
                                                                                                                                                                                                Length 1119;
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                                                                      ADG09232 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2004009547-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ADITIA687 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326.
US2003207383-A1.
06-NOV-2003.
(GETH ) GENENTECH INC.
ery Match
st Local Similarity 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADI18282 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003207349-A1.
Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                               PD 07-AUG-2003.

PA (GETH) GENENTECH INC.

Query Match 12.4%; Score 224; DB 8;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1330
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          pa (GETH ) GENENTECH INC.
Query Match
12.4%; Score 224; DB 8;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1333
ID ADJ99723 standard; protein; 1119 AA.
DB Human secreted/transmembrane protein, #56.
PN US2003187238-A1.
                                                                                                                                                                                                Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 224; DB 8;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                    ADI65523 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003148371-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ADH60666 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2004023331-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human secreted/transmembrane protein, #56. US2003186358-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           #56.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ADM25257 standard; protein; 1119 AA. Human secreted/transmembrane protein, US2003096233-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADL08916 standard; protein; 1119 AA.
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Length 1119;
                                                                                                                                                                                                                                                                                                        vuery match
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1339
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Ouery Match 11.4%; Score 224; DB 8; Length 1119; Best Local Similarity 23.9%; Pred. No. 6.2e-10; RESULT 1341
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 vuery Match 12.4%; Score 224; DB 8; Length 1119;
Best Local Similarity 23.9%; Pred. No. 6.2e-10;
RESULT 1344
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Score 224; DB 8; Length 1119; Pred. No. 6.2e-10;
                                                                                                                                                                                                          12.4%; Score 224; DB 8; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                              12.4%; Score 224; DB 8; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 224; DB 8; Length 1119;
Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 224; DB 8; Length 1119;
Pred. No. 6.2e-10;
                         DE Novel human secreted and transmembrane protein PR0326.
DE Novel human secreted and transmembrane protein PR0326.
DE SCHEB-2004
DD 26-FEB-2004
DA (GETH) GENENTECH INC.
DA (GETH) GENENTECH INC.
12.4%; Score 224; DB 8; Length Best Local Similarity 23.9%; Pred. No. 6.2e-10;
     23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADRIL181 standard; protein; 1119 AA. Human secreted/transmembrane protein, #56. US2004137561-A1.
                                                                                                                                    ADM30007 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003190611-A1.
                                                                                                                                                                                                                                                                                                                                                           ADJ65580 standard; protein; 1119 AA. Human PRO polypeptide #176. US2004038335-AI. 26-FEB-2004. (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADM42440 standard; protein; 1119 AA. Human PRO polypeptide #176. US2004058424.A1. GEFH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Best Local Similarity 23.9%; Pred. N
RESULT 1342
ID AD006329 standard; protein; 1119 AA.
DE Human PRO polypeptide #52.
                                                                                                                                                                                                                                               ADJ77458 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2004038336-A1.
C6-FEB-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADM27716 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2004048333-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ADM28302 standard; protein; 1119 AA. Human PRO polypeptide #176. US2004077064-A1. 22-APR-2004. (GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Query Match
Best Local Similarity 23.9%;
RESULT 1343
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match 12.4%;
Best Local Similarity 23.9%;
                                                                                                                                                                               09-OCT-2003.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           15-JUL-2004.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                       (GETH) GENENTECH INC.
Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 11-MAR-2004.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     03-FEB-2004.
(GETH ) GENENTECH INC.
Best Local Similarity RESULT 1336
                                                                                                                                                                                                                  Best Local Similarity RESULT 1338
                                                                                                                                                                                                                                                                                                                                                                                                                                           Best Local Similarity RESULT 1340
                                                                                                                                                                                                          Query Match
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ADT03766 standard; protein; 1119 AA.
Human secreted/transmembrane protein, #56.
US2003152922-A1.
14-AUG-2003.
(GBTH) GENENTECH INC.
12.4%; Score 224; DB 8; Length 1119; st Local Similarity 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Length 1119;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Ali96336 standard; protein; 1119 AA.
Novel human secreted and transmembrane protein PRO326
US2003207354-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              USACCE-2003.

(GE-NOV-2003.

(GETH ) GENENTECH INC.

(GETH ) GENENTECH INC.

12.4%; Score 224; DB 8;

(ery Match

12.4%; Score 224; DB 8;

(FINAL STATE OF S
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Pred. No. 6.2e-10;
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PA (GETH) GENENTECH INC.

Query Match 12.4%; Score 224; DB 8;

Best Local Similarity 23.9%; Pred. No. 6.2e-10;

RESULT 1347
RESULT 1345

ID ADR18090 standard; protein; 1119 AA.

DE Human secreted/transmembrane protein, #56.

PN US2004447017-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ADS74729 standard; protein; 1119 AA.
Human secreted/transmembrane protein #56.
US2004185531-A1.
23-SEP-2004.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    AD195784 standard; protein; 1119 AA.
Human PRO polypeptide #176.
US2003077659-A1.
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23.9%;
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GERBER H.
GERRITSEN M E.
                                                                                                                                                                                                                                                                                                                                                                                                                                                             GODOWSKI P J.
GRIMALDI C J.
GURNEY A L.
HILLAN K J.
KLJAVIN I J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            PAN J.
PAONI N F.
ROY M A.
STEWART T A.
TUMAS D.
WILLIAMS P M.
                                                                                                                                                                                                                                                                                                                                                                                                          GERRITSEN M E. GODDARD A.
                                                                                                                                          ASHKENAZI A.
BOTSTEIN D.
DESNOYERS L.
EATON D L.
FERRARA N.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              GODOWSKI P J. GRIMALDI C J.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       BOTSTEIN D.
DESNOYERS L.
EATON D L.
FERRARA N.
FILVAROFF E.
                                                                                                                                                                                                                                                                                       FILVAROFF E. FONG S.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
RESULT 1348
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
RESULT 1349
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               / Match
Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GODDARD A.
                                                                                                                                                                                                                                                                                                                                                                               GERBER H.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FONG S.
                                                                                                                                                                                                                                                                                                                                                 GAO W.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Query Match
                                                                                                                                          (ASHK/)
(BOTS/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (WILL/)
(WOOD/)
                                                                                                                                                                                                      (DESN/)
(EATO/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (STEW/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   (GODD/)
(GODO/)
(GRIM/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (BOTS/)
(DESN/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (EATO/)
(FERR/)
(FILV/)
(FONG/)
(GAOW/)
(GERB/)
                                                                                                                                                                                                                                                                                          (FILV/)
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Best Local
RESULT 1346
                                                                                                                                                                                                                                                               FERR/)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              (GRIM/)
(GURN/)
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                                                                                                                                                                                                                                                                                                                                                 (GAOM/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          HILL/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          PAON/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 (MATH/
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                                                                                                                                                                                                                                                                                                                                                                                  GERB/
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (0000)
                                                                                                                                                                                                                                                                                                                                                                                                          GERR/
                                                                                                                                                                                                                                                                                                                                                                                                                                           (3000)
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Best Local Similarity RESULT 1359
                                                                                                                                                                                                                                                                                                                                        (ROSE/) ROSEN C A.
(RUBE/) RUBEN S M.
(BARA/) BARASH S C.
                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 1360
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 1365
                Query Match
Best Local Similarity
RESULT 1357
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Query Match
Best Local Similarity
RESULT 1362
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Best Local Similarity
  (ROWE/) ROWE T.
                                                                                                                                                                                                                                                                                                                                                                                    Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Query Match
                                                                                                                                                                                                                                           Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                        AAY53028 standard; protein; 414 AA.
Human secreted protein clone cw1000_2 protein sequence SEQ ID NO:62.
W09957132-A1.
11-NOV-1999.
(GEN GENETICS INST INC.
12.3%; Score 223; DB 3; Length 414;
EL Local Similarity 24.9%; Pred. No. 1.9e-10;
                                                                                                                                                                                                                                                                                Query Match 12.4%; Score 224; DB 6; Length 1251; Best Local Similarity 25.9%; Pred. No. 7.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 223; DB 8; Length 1179; Pred. No. 8.2e-10;
                                                                                                                                                         12.4%; Score 224; DB 8; Length 1119; 23.9%; Pred. No. 6.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 798;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 1179,
                                                                                                                                                                                                                                                                                                                                                                                                 12.3%; Score 223; DB 6; Length 380; 26.4%; Pred. No. 1.7e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Score 223; DB 5;
Pred. No. 8.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            12.3%; Score 223; DB 6; 24.8%; Pred. No. 4.8e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABJ20228 standard; protein; 798 AA.
Human IG gene related protein SEQ ID No 51.
WO200299040-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Novel human protein SEQ ID NO: 846.
W0200222660-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Long form full-length IGSF9 protein. 12-Auctor.
                                                                                                                                                                                           ADA55073 standard; protein; 1251 AA.
Human protein, SEQ ID 2641.
EP1293569-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ADR28014 standard; protein; 1179 AA.
Long form IGSF9 protein.
WO2004066933-A2.
                                                                                                                                                                                                                                                                                                          RESULT 1351
ID ABU11674 standard; protein; 380 AA.
DE Human MDT polypeptide SEQ ID 621.
PN W0200279449-A2.
                                                                                                                                                                                                                                       19-MAR-2003.
(HELI-) HELIX RES INST.
(REAS-) RES ASSOC BIOTECHNOLOGY.
                                                                                                                                                                                                                                                                                                                                                                  10-OCT-2002.
(INCY-) INCYTE GENOMICS INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.3%;
24.8%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12.3%;
24.8%;
(GURN/) GURNEY A L.
(HILL) HILLAN K J.
(KLJA) KLJANIN I J.
(KLJA) KLJANIN I J.
(PAN/) PAN J.
(PAN/) PAN J.
(PAN/) PAN J.
(ROYM/) ROY M A.
(STEW/) STEWART I A.
(TUMA/) TUMENS D.
(WULL/) WILLIAMS P M.
(WOOD/) WOOD W I.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12-DEC-2002.
(EXEL-) EXELIXIS INC.
Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (MCLA/) MCLACHLAN K.
(GLAS/) GLASER S.
(PEAC/) PEACH R J.
                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
RESULT 1352
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (MCLA/) MCLACHLAN K.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Local Similarity
                                                                                                                                                      Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (GLAS/) GLASER S.
(PEAC/) PEACH R J.
(ROWE/) ROWE T.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             21-MAR-2002.
(HYSE-) HYSEQ INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
                                                                                                                                                                     Best Loca
RESULT 1350
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Best Loca
RESULT 1355
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RESULT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         BONE
                                                                                                                                                                                                                                                                                                                               PPREE
                                                                                                                                                                                                                                                                                                                                                                                                                                             BBBBB
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ADR09753 standard; protein; 595 AA.
Human protein useful for treating neurological disease Seq 3259.
EP1447413-A2.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Length 2012;
Length 1179,
                                                                                                                                                                                                                                                                                                                                                                            Length 744;
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                                                                                                                                                                                     Length 595,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ADH72194 standard; protein; 1068 AA.

Human protein of the invention NOV51d SEQ ID NO:1090
WQ2003102155-A2.

(CURA-) CURAGEN CORP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAW42087 standard; protein; 1571 AA.
Human Down syndrome-cell adhesion molecule DS-CAM2.
WO9817795-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 AAW42086 standard; protein; 1910 AA.
Human Down syndrome-cell adhesion molecule DS-CAM1
WO9817795-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAB25586 standard; protein; 364 AA.
Protein encoded by human secreted protein gene #11
WO200029435-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ADA27058 standard; protein; 364 AA.
Human novel secreted protein from cDNA HOUDJ81 #1.
US2003055231-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              12.2%; Score 220.5; DB 3; 26.0%; Pred. No. 2.7e-10;
                                                                                                                                                                                                                                                                                                                      02-AUG-2001.
(HUMA-) HUMAN GENOME SCI INC.
(HTWA-) HUMAN GENOME SCI INC.
(ery Match 12.3%; Score 222; DB 4;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       30.APR-1998.
(CEDA-) CEDARS SINAI MEDICAL CENT.
(CEDA-) CEDARS SINAI MEDICAL CENT.
12.2%; Score 221; DB 2;
ery Match 12.8%; Pred. No. 1.8e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     PD 30-APR-1998.

PA (CEDA-) CEDARS SINAI MEDICAL CENT.

Query Match 12.2%; Score 221; DB 2;

Best Local Similarity 28.6%; Pred. No. 2.3e-09;

RESULT 1363
                                                                                                                                         PD 18-AUG-2004.

PA (REAS-) RES ASSOC BIOTECHNOLOGY.

Query Match 12.3%; Score 222; DB 8;

Best Local Similarity 27.2%; Pred. No. 3.9e-10;

RESULT 1358
12.3%; Score 223; DB 8; 24.8%; Pred. No. 8.2e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 222; DB 5;
Pred. No. 5.3e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match 12.3%; Score 222; DB 8; Best Local Similarity 24.2%; Pred. No. 8.7e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         12.2%; Score 221; DB 8; 28.6%; Pred. No. 2.5e-09;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ADK71092 standard; protein; 2012 AA. Human MP21 polypeptide. W02004015073-A2. 19-FEB-2004. (EXEL-) EXELIXIS INC.
                                                                                                                                                                                                                                                    ABB10202 standard; protein; 744 AA.
Human cDNA SEQ ID NO: 510.
WO200154474-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                              ABP66789 standard; protein; 744 AA.
Human polypeptide SEQ ID NO 510.
US2002090572-A1.
11-JUL-2002.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                25-MAY-2000.
(HUMA-) HUMAN GENOME SCI INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                12.3%;
23.6%;
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Match

Query Best RESULT

(FIND/) (RUBE/)

(NIJJ/) (YOUN/) (KENN/) (OLSE/) (MOOR/) (WEIY/)

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12.2%; Score 220.5; DB 6; Length 440; 26.0%; Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                 Length 440;
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                                                                                                                                                                            DB 4; Length 440;
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                    Length 440;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABU89843 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
US2003036147-A1.
20-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                        ABU87964 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
US2003032127-A1.
                                                                                                                                                                                                                                                                                                                   12.2%; Score 220.5; DB 6; 26.0%; Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12.2%; Score 220.5; DB 6; 26.0%; Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12.2%; Score 220.5; DB 6; 26.0%; Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 6;
                    Score 220.5; DB 3;
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ABR66153 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003022778-A1.
06-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABR65543 standard; protein; 440 AA.
Human secreted polypeptide PR0355, SEQ ID NO:34.
US2003036159-Al.
20-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 220.5; DB 6 Pred. No. 3.5e-10;
                                                                                                                                                                              Score 220.5; DB 4 Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity 26.0%; Pred. No. 3.5e-10; RESULT 1379
ID ABUB9483 standard; protein; 440 AA.
DE Human secreted/transmembrane protein (PRO) #17.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               ABU84279 standard; protein; 440 AA.
Huwan secreted(transmembrane protein (PRO) #17.
US2003032112-A1.
13-FBB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             12.2%; Score 220.5; DB 6
26.0%; Pred. No. 3.5e-10;
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ID ABU55930 standard; protein; 440 AA.
DE Human secreted/transmembrane protein PRO355.
                                                                                                                                                                                                                                   ABU58416 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003027272-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABU82722 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003032113-A1.
                                                                         AAU29040 standard, protein; 440 AA.
Human PRO polypeptide sequence #17.
WO200168848-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          US20021:2...
03-OCT-2002.
(GETH ) GENENTECH INC.
12.2%; S/
                                                                                                                            20-5EP-2001.
(GETH ) GENENTECH INC.
12.2%;
PA (GETH ) GENENTECH INC.
Query Match 12.2%;
Best Local Similarity 26.0%;
RESULT 1373
                                                                                                                                                                                              26.0%;
                                                                                                                                                                                        Best Local Similarity RESULT 1374
                                                                                                                                                                                                                                                                                                                               Best Local Similarity RESULT 1375
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RESULT 1377
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RESULT 1382
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RESULT 1376
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27-FEB-2003.
                                                                                                                                                                                                                                                                                              06-FEB-2003.
                                                                                                                                                                              Query Match
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                                                                                                                                                                                                                12.2%; Score 220.5; DB 6; Length 364; 26.0%; Pred. No. 2.7e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            M.C. 2002.
(HUMA-) HUMAN GENOME SCI INC.
ery Match 12.2%; Score 220.5; DB 5; Length 370;
ery Match 26.0%; Pred. No. 2.7e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match 12.2%; Score 220.5; DB 3; Length 423; Best Local Similarity 26.0%; Pred. No. 3.3e-10; RESULT 1370
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               12.2%; Score 220.5; DB 2; Length 440; 26.0%; Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12.2%; Score 220.5; DB 8; Length 364; 26.0%; Pred. No. 2.7e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 4; Length 402;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAY45093 standard; protein; 423 AA.
Mouse lymphoid derived dendritic cell adhesion molecule.
WO200008158-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PD 02-SEP-2004.
PA (SAGR-) SAGRES DISCOVERY INC.
Query Match 12.2%; Score 220.5; DB 8,
Best Local Similarity 26.0%; Pred. No. 3.3e-10;
RESULT 1371
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Score 220.5; DB 4 Pred. No. 3.1e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ADR41469 standard; protein; 370 AA.
Human CD-like molecule HATCZ07, SEQ ID NO:268.
WO200226930-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABO84564 standard; protein; 425 AA.
Human cancer-associated protein HP16-039.1.
WO2004074320-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAM21691 standard; protein; 402 AA.
Human EST encoded protein SEQ ID NO: 1216.
WO200154477-A2.
                                                                                                                                                                                                                                                                    NOVEL human secreted protein; 364 AA.
NOVEL human secreted protein #11.
US203129685-A1.
10-JUL-2003.
(NIJJ/) NI J.
(YOUN) YOUNG P.
(KENN/) KENNY J.
(OLSE/) OLSEN H S.
(WOOR/) MOORE P.A.
(WELY/) WEL Y.
(GREE/) GREENE J.M.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAYI7830 standard; protein; 440 AA.
Human PRO355 protein sequence.
WO9928462-A2.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        AAB01321 standard; protein; 440 AA.
Human PRO355 polypeptide.
08-JUN-2000.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    12.2%;
26.0%;
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Lery Match
Best Local Similarity 2.
RESULT 1372
ID AAB01321 stan<sup>2</sup>-
DE Human PR<sup>C</sup>
PN WO2<sup>C</sup>
PD
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          10-JUN-1999.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     17-FEB-2000.
(IMMV ) IMMUNEX CORP.
                  NI J.
YOUNG P E.
KENNY J J.
OLSEN H S.
MOORE P A.
WEI Y.
GREENE J M.
KUBEN S M.
                                                                                                                                                                                              CROCKER P R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Best Local Similarity RESULT 1368
                                                                                                                                                                                                                                   Local Similarity
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(HYSE-) HYSEQ INC.
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Query Match

Query Match

RESULT 1369

Query Match

The state of the s

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26.0%; Pred. No. 3.5e-10;
                                                                                         12.2%;
26.0%;
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26.0%;
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26.0%;
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26.0%;
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PA (GETH ) GENENTECH INC.

QUETY MATCh 12.2%;

BAST Local Similarity 26.0%;

RESULT 1398
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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(GETH ) GENENTECH INC.
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(GETH ) GENENTECH INC.
                                                                                    Query Match
Best Local Similarity
RESULT 1394
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Best Local Similarity
RESULT 1399
Best Local Similarity RESULT 1393
                                                                                                                                                                                           Query Match
Best Local Similarity
RESULT 1395
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RESULT 1396
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RESULT 1397
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Best Local Similarity
RESULT 1400
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Best Local Similarity
RESULT 1401
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Best Local Similarity
RESULT 1402
                                                                                                                                                                               06-FEB-2003.
                                                                            23-JAN-2003.
                                                                                                                                                                                                                                                                                    20-FEB-2003.
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                                                                                                                                                                                                         Score 220.5; DB 6; Length 440; Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                             Score 220.5; DB 6; Length 440; Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                                                                     Score 220.5; DB 6; Length 440;
Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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   DB 6; Length 440;
                                                                                                                                                                                                                                                                                                                                                                                                                  DB 6; Length 440;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            D ABU98754 standard; protein; 440 AA.
E Novel human secreted and transmembrane protein PR0355.
N US2003013153-A1.
D 16-JAN-2003.
Query Match
                                                                                                                           Novel human secreted and transmembrane protein PRO355. US2003036144-Al.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human secreted polypeptide PRO355, SEQ ID NO:34. US-2003044926-Al.
 Score 220.5; DB 6;
Pred. No. 3.5e-10;
                                                       Human secreted polypeptide PR0355, SEQ ID NO:34 US2003027264-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                  Score 220.5; DB 6
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 220.5; DB 6
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                            Human secreted/transmembrane protein (PRO) #17. US2003036149-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 220.5; DB 6
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                      Human secreted/transmembrane protein (PRO) #17.
US2003044923-A1.
06-MAR-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human secreted/transmembrane protein (PRO) #17.
US2003040062-A1.
27-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Human PRO polypeptide #11.
US2002132768-A1.
                                            protein; 440 AA
                                                                                                                                                                                                                                                                                                                                                           440 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                             protein; 440 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABU85594 standard; protein; 440 AA
 12.2%;
26.0%;
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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SULT 1391
                                                                                                                                                                                                                                                                                                             12.2%;
26.0%;
                                                                                                                                                                                                                                                                                                                                                         protein;
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US2003036140-A1.
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(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      20-FEB-2003.
(GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 1392
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RESULT 1390
             Best Local Similarity
RESULT 1383
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RESULT 1385
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                        ABO08653 standard;
                                                                                                                                                                                                                                                                                                                                                                                                                                Local Similarity
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                                           ABR68092 standard;
                                                                                                                 Best Local Similarity
                                                                                                                                                                                                                                                                                                                           Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABO02705 standard;
 Query Match
                                                                                                     Query Match
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Best

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Length 440;
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                                                                                         Length 440;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Length 440;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 440;
ABU97969 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
US2003017544-A1.
                                                                                                                                             ABU91675 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
US2003027277-A1.
                                                                                                                                                                                                                           Score 220.5; DB 6;
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                9
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       DB 6;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               DB 6;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    D ABR92181 standard; protein; 440 AA.

E Human secreted polypeptide PR0355, SEQ ID NO:34.

N US2003036160-A1.

D 20-FEB-2003.

12.2%; Score 220.5. DR 6.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABR99368 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003040063-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABR98758 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003040064-A1.
27-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 220.5; DB 6 Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABO16281 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003027267-A1.
06-FEB-2003.
                                                                                         Score 220.5; DB 6 Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                            Score 220.5; DB 6
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                              ABU86209 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003036146-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Score 220.5; DB 6
Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Aunau secreted/transmembrane protein (PRO) #17. US20036162-Al.
                                                                                                                                                                                                                                                                        Human PRO polypeptide #17.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABU80450 standard; protein; 440 AA.
Human PRO protein #17.
US2003036137-A1.
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26.0%; Pred. No. 3.5e-10;

us-09-978-544a-523.rag.spdi

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Best Local Similarity RESULT 1413
                                                                                                                  Length 440;
                                                                                                                                                                                                                                                                     Length 440;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABU84979 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PR0355.
13-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ABO00118 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
US2003032101-A1.
13-PEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABU88669 standard; protein; 440 AA. Novel human secreted and transmembrane protein PRO355 US2003036133-A1.
                                                                                                                Score 220.5; DB 6;
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                   12.2%; Score 220.5; DB 6; 26.0%; Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 6;
                                                                                                                                                                    ABR78243 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003054474-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Score 220.5; DB 6
Pred. No. 3.5e-10;
 26.0%; Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABO11450 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003036124-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABU83364 standard; protein; 440 AA.
Human secreted(transmembrane protein (PRO) #17.
US2003036134-A1.
20-FBB-2003.
                                                                                                                                                                                                                                                                                                                      ABU64926 standard; protein; 440 AA.
Human secreted/transmembrane protein PRO355.
US2002173463-A1.
                                     ABO18822 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO)
US2003044925-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABU58360 standard; protein; 440 AA.
Novel human secreted protein PRO355.
US2002150976-A1.
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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(GETH ) GENENTECH INC.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ) 17-OCT-2002.
A (GETH ) GENENTECH INC.
Query Match
                                                                                                                                                                                                                                                                              Best Local Similarity RESULT 1405
                                                                                            PD 06-MAR-2003.
Query Match
Best Local Similarity
RESULT 1404
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RESULT 1411
Best Local Similarity
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RESULT 1410
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RESULT 1412
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                                                                                                                                                                                                                                                                                                                                                                                 21-NOV-2002
                                                                                                                                                                                                                                                                   Query Match
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                     RESULT 1403
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Length 440;
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ABO06165 standard; protein; 440 AA. Novel human secreted and transmembrane protein PRO355.
                                                                                                                                                                                                                                                                                                                                                                       ABO19127 standard; protein; 440 AA. Novel human secreted and transmembrane protein PRO355 US2003036118-A1.
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                                                                      Score 220.5; DB 6;
Pred. No. 3.5e-10;
                                                                                                                                                                                                Score 220.5; DB 6;
Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                    DB 6;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABR66763 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003036148-A1.
                                                                                                                                         Human secreted polypeptide PRO355, SEQ ID NO:34 US2003027275-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABUGDSBS standard; protein; 440 AA.
Human secreted/transmembrane protein, SEQ ID 34.
US2003036156-A1.
                                                                                                                                                                                                                                                                                                                         Score 220.5; DB 6 Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ABO11145 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003036123-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human secreted/transmembrane protein (PRO) #17. US2003040060-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AB013682 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003044916-A1.
                                                                                                                                                                                                                                                               Human secreted/transmembrane protein (PRO) #17 US2003027324-A1.
                                                                                                                        ABR59201 standard; protein; 440 AA.
                                                                                                                                                                                                                                                  ABO09263 standard; protein; 440 AA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Query Match
12.2%; Score
Best Local Similarity 26.0%; Pred.
RESULT 1419
ID ABO15976 standard; protein; 440 AA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABUS7246 standard; protein; 440 AA Human PRO355 protein. US2002142958-A1.
                                                                      12.2%;
26.0%;
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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26.0%;
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(GETH ) GENENTECH INC.
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RESULT 1422
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(GETH ) GENENTECH INC.
                                                                                                                                                                                              Query Match
Best Local Similarity
RESULT 1415
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Best Local Similarity
RESULT 1416
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Best Local Similarity
RESULT 1417
                                                                                     Best Local Similarity RESULT 1414
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Best Local Similarity
RESULT 1418
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Best Local Similarity
RESULT 1421
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Best Local Similarity
RESULT 1420
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Best Local Similarity
                                   US2003022294-A1.
30-JAN-2003.
                                                                                                                                                                            06-FEB-2003.
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RESULT 1443
ID ABU83059 standard; protein; 440 AA
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RESULT 1435
ID ABU81255 standard;
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RESULT 1439
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RESULT 1440
                                                                  Query Match
Best Local Similarity
RESULT 1434
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RESULT 1442
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Score 220.5; DB 6; Length 440;
Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                             Length 440;
                                                                                                                                                                                                                                                                                                                                                                                                                                             DB 6; Length 440;
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Pred. No. 3.5e-10;
                                                                                 Length 440;
                                                                                                                                                                                                  Length 440;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ABU95225 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355
20-PEB-2003.
                                                                                 Score 220.5; DB 6;
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                             12.2%; Score 220.5; DB 6; 26.0%; Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                                                                                                                                                                Score 220.5; DB 6;
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                            ABR67068 standard; protein; 440 AA.
Human secreted polypeptide PR0355, SEQ ID NO:34.
US2003027266-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                           12.2%; Score 220.5; DB 6 26.0%; Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  ABR69979 standard; protein; 440 AA.
Human secreted polypeptide PR0355, SEQ ID NO:34
US2003032138-A1.
                                                                                                                                                                                                                                                                                                                                                          ABO15671 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003054483-A1.
                                                                                                                            ABC03620 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003036128-A1.
20-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABUSESS2 standard; protein; 440 AA.
Human secreted/transmembrane protein, PRO35S.
US2003022298-A1.
30-JAN-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABU65280 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003032102-Al.
13-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ÀBU71128 standard; protein; 440 AA.
Human PRO355 protein.
US2003036143-Al.
20-FEB-2003.
             ABO07433 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003022117-Al.
13-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABO07738 standard; protein; 440 AA. Human PRO polypeptide #17. US2003032130-A1.
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26.0%;
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(GETH ) GENENTECH INC.
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Best Local Similarity
RESULT 1430
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Best Local Similarity
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Best Local Similarity
RESULT 1428
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Best Local Similarity
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RESULT 1433
                                                                                        Best_Local_Similarity
RESULT 1424
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RESULT 1426
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Best Local Similarity
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                                                                            Query Match
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RESULT 1432
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RESULT 1423
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Length 440;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                                                                                                                                                                                      DB 6;
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ABR69312 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003036132-A1.
20-PEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABR71809 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003032135-A1.
                                                                                                                                                                                                                  Score 220.5; DB 6
Pred. No. 3.5e-10;
                                                                                                                                                                                                                                                                                                                                                                                                  ABR60052 standard; protein; 440 AA.
Human secreted polypeptide PR0355, SEQ ID NO:34
13-F8B-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           ABR67787 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34
US2003027269-A1.
06-FBB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABR65175 standard; protein; 440 AA.
Human secreted polypeptide PR0355, SEQ ID NO:34
06-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABR68397 standard; protein; 440 AA.
Human secreted polypeptide PRO355, SEQ ID NO:34
US2003027274-A1.
                                                                       Score 220.5; DB 6 Pred. No. 3.5e-10;
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26.0%; Pred. No. 3.5e-10;
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Huwan secreted/transmembrane protein (PRO) #17.
US2003022297-A1.
30-JAN-2003.
                                                                                                                                                                                                                                                             Human PRO polypeptide #17.
US2003017542-Al.
                                                                                                                       AB001453 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003008353-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABU85289 standard; protein; 440 AA.
Human PRO polypeptide #17.
US20030222295-A1.
30-JAN-2003.
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09-JAN-2003.
(GETH ) GENENTECH INC.
12.2%;
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26.0%;
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26.0%;
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26.0%;
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Best Local Similarity 26.0%;
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26.0%;
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(GETH ) GENENTECH INC.
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Length 440;

Length 440;

DB 6;

Length 440;

DB 6;

RESULT 1446

RESULT 1447

82

us-09-978-544a-523.rag.spdi

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Score 220.5; DB 6; Length 440; Pred. No. 3.5e-10;
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Novel human secreted and transmembrane protein PR0355.
US2002168715-AI.
14.NOV-2002.
(GETH ) GENENTECH INC.
                                                                                                          ABU85899 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355
US2003022300-A1.
                                                                                                                                                                                                                                            ABU82186 standard; protein; 440 AA. Novel human secreted and transmembrane protein PRO355. US2003036136-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ABU81754 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355
US2003032104-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     ABU65918 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
US2003036157-A1.
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Novel human secreted and transmembrane protein PRO355.
US2003036155-A1.
                                                                                                                                                                                     Score 220.5; DB 6;
Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003032120-A1.
                                                12.2%; Score 220.5; DB 6 26.0%; Pred. No. 3.5e-10;
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Human secreted/transmembrane protein (PRO) #17.
13-pop 20.2.
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Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                                                                                                                     Human PRO polypeptide #17.
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26.0%;
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26.0%;
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US2003040066-A1.
27-FEB-2003.
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Best Local Similarity
RESULT 1455
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Best Local Similarity
RESULT 1456
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                                                   Query Match
Best Local Similarity
RESULT 1454
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RESULT 1457
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RESULT 1460
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            US2003027280-A1.
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                              06-FEB-2003
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                                                                   Score 220.5; DB 6; Length 440; Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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                                                                                                              ABUSTANDER Standard; protein; 440 AA.
NOVEL human secreted and transmembrane protein PRO355.
US2003032123-A1.
                                                                                                                                                                                                                                                    ABU90463 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PR0355.
US2003032108-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABU93625 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
US2003032119-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABR64870 standard; protein; 440 AA.
Human secreted polypeptide PR0355, SEQ ID NO:34.
US2003027263-A1.
06-PEB-2003.
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Human secreted polypeptide PR0355, SEQ ID NO:34.
US203027271-A1.
06-FEB-2003.
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Human secreted polypeptide PR0355, SEQ ID NO:34.
US2003040068-A1.
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Human secreted/transmembrane protein (PRO) #17.
US2003032105-A1.
13-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 ABO06518 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003036125-A1.
                                                                                                                                                                                                                                                                                                                                                                                                     ABU83974 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003032111-A1.
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US2002132981-A1.
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26.0%;
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26.0%;
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(GETH ) GENENTECH INC.
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RESULT 1452
ID ABU56311 standard, p.
DR Human secreted/transis
PN US2002132981-A1.
PD 19-SEP-2002.
PA (GETH ) GENENTECH INC
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Best Local Similarity
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                                                                   Query Match
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Length 440;

Length 440;

Length 440;

DB 6;

RESULT 1450

RESULT 1451

Length 440;

Length 440;

DB 6;

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RESULT 1453

RESUI ID ID DE PD PD Que	RESUI ID DE PN PD PA Qué	RESUI 1D DE DE PN PO	BESUI TD TD DE PN PN PO PO Out	RESUI ID ID DE PN PD	RESUI TD TD DE PN PO PD	RESUI ID ID DE PD PD	RESUI ID DE DE PN PD	RESUI ID ID DE PN PD	Bes RESUI ID DE DE PN PD	RESUI ID
440;	440;	440;	440;	440;	440;	440;	440;	440;	440;	440;
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.5; DB 6; Le .3.5e-10; protein PRO35	0.5; DB 6; 3.5e-10; 2 ID NO:34.	220.5; DB 6; No. 3.5e-10; SEQ ID NO:34.	220.5; DB 6; No. 3.5e-10;	3.5e-10;	0.5; DB 6; .3.5e-10; (PRO) #17.	0.5; DB 6; 3.5e-10; Protein PR	220.5; DB 6; No. 3.5e-10;	220.5; DB 6; No. 3.5e-10;	220.5; DB 6; No. 3.5e-10; SEQ ID NO:34.	220.5; DB 6; No. 3.5e-10;
12.2%; Score 220.9 .larity 26.0%; Pred. No. 3 nndard; protein; 440 AA. secreted and transmembrane p. 3-A1.	; Score 220.; ; Pred. No. ; ; 440 AA. PRO355, SEQ.	Score Pred. 440 AA.	Score 22(Pred. No 440 AA.	Score 220. Pred. No. 440 AA.		Score 220.5; Pred. No. 3. 440 AA.	Score 220 Pred. No. 440 AA.	Score 220 Pred. No.	Score Pred. 40 AA.	Score Pred.
12.2%; 26.0%; protein; id and tra	12.2%; 26.0%; protein; peptide 1	INC. 12.2%; 26.0%; protein; ypeptide E	12.2%; 26.0%; protein; de #17.	12.2%; 26.0%; protein; de #17.	12.2%; 26.0%; protein; smembrane	12.2%; 26.0%; protein; id and tre	12.2%; 26.0%; protein; de #17.	12.2%; 26.0%; protein; de #17.	12.2%; 26.0%; protein; peptide	12.2%; 26.0%;
Query Match Best Local Similarity RESULT 1464 ID ABU99788 standard; DE Novel human secrete PN US2003022256-A1. PD 30-JAN-2003.	Query Match 12.2%; Best Local Similarity 26.0%; RESULT 1465 ID ABR66458 standard; protein; DE Human secreted polypeptide PN US2003027281-A1. PD 06-FEB-2003.	(GETH) GENENTECH 19set Local Similarity Match SULT 1466 Human secreted poly US20030406058-A1.	of E	Suc	J. S.	S S S	Z ge g	one Ses Sur	2 2 2	PD 13-FEB-2003. Query Match Best Local Similarity

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l2.2%; Score 220.5; DB 6; Length 440; sst Local Similarity 26.0%; Pred. No. 3.5e-10; JLT 1484
                                                                                                                                                                                                                                                                                                         Length 440;
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12.2%; Score 220.5; DB 6; Leng est Local Similarity 26.0%; Pred. No. 3.5e-10;
ULT 1480
ABU91060 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
20.FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             uery Match 12.2%; Score 220.5; DB 6; Lengest Local Similarity 26.0%; Pred. No. 3.5e-10; ULT 1481
ABU90153 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PR0355. 20-FEB-2003.
                                                                                                          Query Match

Best Local Similarity 26.0%; Pred. No. 3.5e-10;

RESULT 1475

DE Human secreted polypeptide PR0355, SEQ ID NO.34.

PN US2003036165-A1.

PA (GETH) GENENTECH INC.

12.2%; Score 220.5; DB 6; Ler

Best Local Similarity 26.0%; Pred. No. 3.5e-10;

RESULT 1476

ID ABR64565 standard; protein; 440 AA.

DE Human secreted polypeptide PR0355, SEQ ID NO.34.

PD 20-FEB-2003.

PP 06-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                      uery Match
12.2%; Score 220.5; DB 6;
est Local Similarity 26.0%; Pred. No. 3.5e-10;
ULT 1477
ABU79490 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003032110-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 12.2%; Score 220.5; DB 6; 26.0%; Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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12.2%; Score 220.5; DB 6
est Local Similarity 26.0%; Pred. No. 3.5e-10;
ULT 1433
ABO10840 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003036150-A1.
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12.2%; Score 220.5; DB 6
est Local Similarity 26.0%; Pred. No. 3.5e-10;
ULT 1478
ABU92881 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003036142-A1.
20-FBB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      uery Match 12.2%; Score 220.5; DB 6 est Local Similarity 26.0%; Pred. No. 3.5e-10; ULT 1482.
ABO09568 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17. US2003044931-A1.
LTT 1474
ABU99449 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003022301-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  uery Match 12.2%; Score est Local Similarity 26.0%; Pred. ULT 1479
ABU95840 Standard; protein; 440 AA. Human PRO polypeptide #17. 20-FEB-2003.
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Score 220.5; DB 6; Length 440; Pred. No. 3.5e-10;
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                                                         Length 440;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                     Score 220.5; DB 6;
Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
Human secreted polypeptide PRO355, SEQ ID NO:34.
US2003040069-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                  ABR69674 standard; protein; 440 AA.
Human secreted polypeptide PR0355, SEQ ID NO:34
US2003032122-A1.
13-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   RESULT 1491

ID ABO09873 standard; protein; 440 AA.

DB Human secreted/transmembrane protein (PRO) #17.

PD 23-JAN-2003.
                                                                                                                                                                                                                                                                                                                        ABU84584 standard; protein; 440 AA.
Human secreted/transmembrane protein (PRO) #17.
US2003032116-A1.
13-FEB-2003.
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Human secreted/transmembrane protein (PRO) #17.
US2003036152-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        ABUI0526 standard; protein; 440 AA.
Human secreted/transmembrane protein #17.
US2002127584-A1.
                                                                                           ABU87502 standard; protein; 440 AA. Human PRO polypeptide #17. US2003022293-A1.
                                                                                                                                                                                                          ID ABU91370 standard, protein, 440 AA.
DE Human PRO Polypeptide #17.
PN US200302128-A1.
PD 13-FEB-2003.
Query Match
Best Local Similarity 26.0%; Pred.
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Human PRO protein #17.
US2003036139-A1.
20-FEB-2003.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      ABU93320 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003017541-A1.
23-JAN-2003.
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Human pro355 protein sequence.
US2002127643-A1.
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26.0%;
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Best Local Similarity
RESULT 1494
                                                    Query Match
Best Local Similarity
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Best Local Similarity
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Best Local Similarity
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Best Local Similarity
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Best Local Similarity
RESULT 1493
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Best Local Similarity
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Best Local Similarity
                                     27-FEB-2003.
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Best Local
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Score 220.5; DB 6; Length 440;
Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                                                                         ABU96744 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
US2003032140-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   ABO04940 standard; protein; 440 AA.
Novel human secreted and transmembrane protein PRO355.
09-JAN-2003.
(GETH ) GENENTECH INC.
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
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                                                                                                                                                              Score 220.5; DB 6
Pred. No. 3.5e-10;
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                                                                                                                                                                                                                                                                            Score 220.5; DB 6 Pred. No. 3.5e-10;
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Pred. No. 3.5e-10;
                                                                                                                                                                                                           ABU95535 standard; protein; 440 AA.
Human PRO polypeptide #17.
US2003032115-A1.
                                                                                                                                                                                                                                                                                                                                                                                                                                          ABR70589 standard; protein; 440 AA.
                                                                                  protein; 440 AA.
PD 12-SEP-2002.

PA (GETH) GENENTECH INC.

QUETY MATCh 12.2%;

BEST LOCAL SIMILATITY 26.0%;
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26.0%;
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26.0%;
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PA (GETH ) GENENTECH INC.

QUETY MARCh

12.2%;

Best Local Similarity 26.0%;
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26.0%;
                                                                                                 Human PRO polypeptide #11.
US2002165143-A1.
                                                                                                                            07-NOV-2002.
(GETH ) GENENTECH INC.
                                                                                                                                                                                                                                                                          Query Match
Best Local Similarity
RESULT 1497
                                                                                                                                                                           Best Local Similarity
RESULT 1496
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RESULT 1500
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                                                                               ABU67131 standard;
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